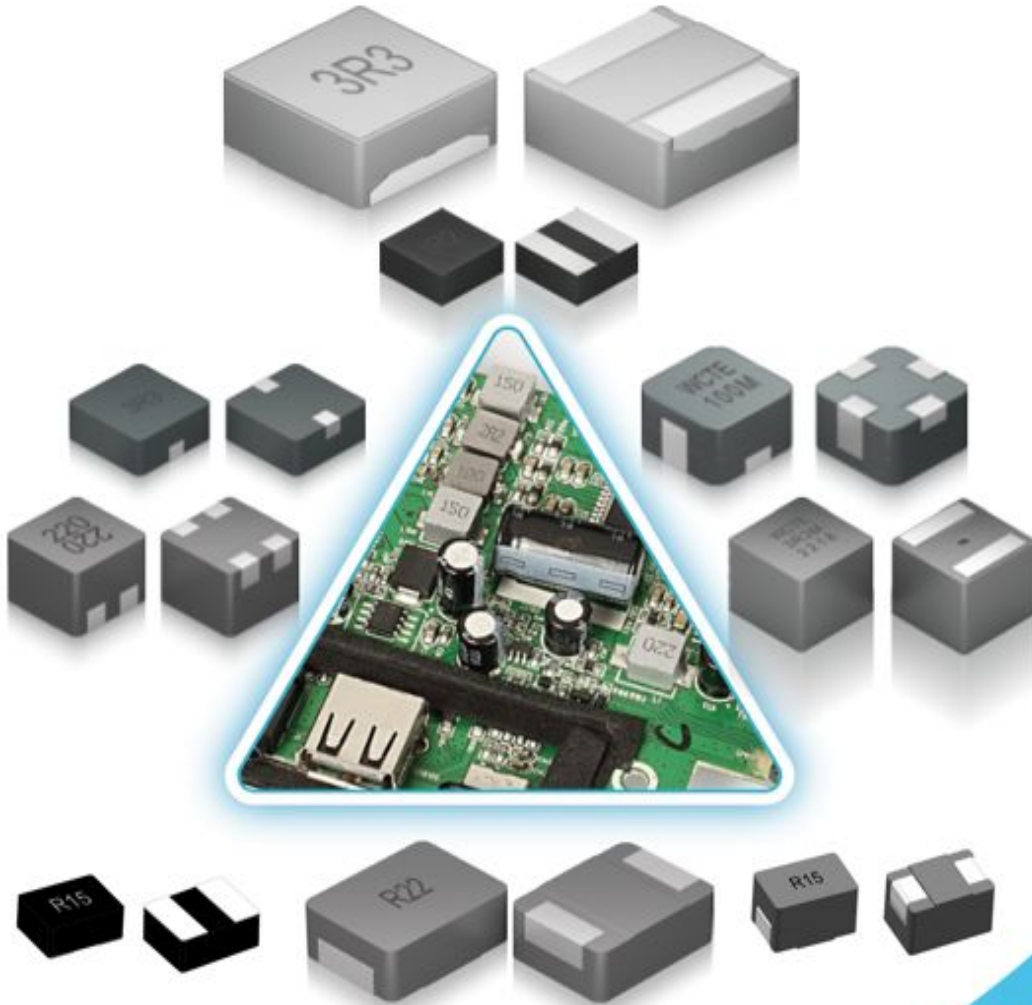




萬磁科技

WANCI

万磁电子 ELECTRONICS



一体成型电感专业制造商

广东万磁科技有限公司

Guang Dong Wan Ci Technology Co., Ltd

Tel: 0752-6906668

Fax: 0752-6906667

E-mail: wanci888@163.com



广东万磁科技有限公司

公司简介 company file



广东万磁电子科技有限公司是一家新型的高科技企业，从事一体成型电感行业20余年，有着丰富经验的研发团队和技术人才，主要生产一体成型贴片电感及电感器用绝缘材料，一体电感主要有02系列，03系列，04系列，05系列，06系列，08系列，10系列，12系列，17系列，22系列，半自动化月产能8KK，全自动化月产能20KK，月总产能15KK至30KK，工厂面积6800平方米，员工200人，产品广泛应用于电脑主板，显卡，工业电脑，平板电脑，车载电源，安防产品，电子烟，POS机，移动电源，5G通讯，新能源，音响，LED灯，电视TV，无人机，共享单车等领域。

绝缘粉是采用纳米级高温材料，将微铁粉颗粒包覆完整，更能降低涡流产生的磁性损耗具有耐大电流，耐高温，低损耗，温升低，高阻抗等特性。成型后产品耐压达300V以上，年产能1000吨，可来料加工，领先业界创新水平，是用于一体成型电感最安全的绝缘材料。

Guangdong Wan Magetic Electronics Co.,Ltd.is a new type of high -tech enterprise engaged in the molding powder inductor for more than 20 years ,It has rich experience in R&D team and technical talents,It mainly produces integrated molded chip inductors and inductors inductors mainty have 02 series.03 series.04 series.05 series.06 series.08 series.10series. 12 series.17 series.22 series ,somi-automatic monthly prodduction capacity 8KK,fully automated monthly production capacity 20KK ,total15KK-30KKpcs;factory area 6800m²,200 employees,products are widely used in computer motherboards,garphics cards,industrial computes,tablets,car power,security products,electronic cigarettes,pos,mobile power,5G Communications, new energy, audio,LED lights,TV TV,drones wireless charging,bicycles and other fields.

Insulating powr is made of nano-scale high-temperature insulating material,which is coated with microiron power particles,which can redure the magnetic loss caused by eddy current,It can reach more than 300V,the annual production capacity is up to 1000 tons,and it can be processed by materials,It is the safest insulation material for integrated inductors.



提供世界一流产品和服务

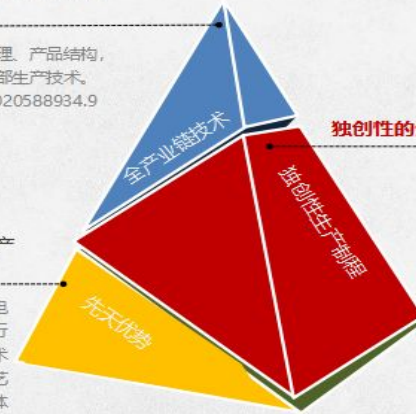
技术优势

掌握了**全产业链**的生产技术，已获授权外观专利1项、实用新型专利2项。

自主掌握了包括基础材料配方、粉末处理、产品结构、模具设计和非标设备自主开发在内的全部生产技术。
专利号：ZL201030579665.5；ZL201020588934.9
ZL202120363780.1

公司强大的工艺控制能力，具备生产一体成型电感的**先天优势**

万磁电子科技有限公司的主营业务是一体成型电感器专业设计制造生产,从事一体成型电感行业20余年，有着丰富经验的研发团队和技术人才,在冷，热压生产的过程设计、生产工艺控制方面积累了丰富的经验，具有生产一体成型电感的先天优势。



独创性的生产制程，解决了大量行业痛点

- ✓ 解决电感能效低问题
- ✓ 解决产品有裂纹/缺角/强度不够/等外观问题
- ✓ 解决产品过回流焊炉三次后,电感下降超过10%的问题
- ✓ 解决成型后漆包线层间短路问题
- ✓ 提高一次通过率，并将客户端电性不良控制在10ppm以下。





CERTIFICATE

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this qualityaustria certificate to the following organisation:

This qualityaustria certificate confirms the application and further development of an effective

Guangdong Wanci Technology Co., Ltd.

No.16, Hungchengtang Road, Shiwán Town, Boluo County, Huizhou City, Guangdong Province, China

QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
ISO 9001:2015

Design and manufacture of molded power inductors

Registration No.: 25935/0

Date of initial issue: 21 June 2021

Valid until: 20 June 2024

The validity of the qualityaustria certificate will be maintained by annual surveillance audits and one renewal audit after three years.

Vienna, 21 June 2021

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH
AT-1010 Vienna, Zelinkagasse 10/3

Konrad Scheiber
General Manager

Dr. Mag. Anni Koubek
Specialist representative

The current validity of the certificate is documented exclusively on the Internet under
<http://www.qualityaustria.com/en/cert> EAC: 19

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CERTIFICATE

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This qualityaustria certificate confirms the application and further development of an effective

Guangdong Wanci Technology Co., Ltd.

No.16, Hungchengtang Road, Shiwán Town, Boluo County, Huizhou City, Guangdong Province, China

QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
IATF 16949:2016
with product design

Design and manufacture of molded power inductors

Registration No.: 11863/0

IATF-Registration No.: 0405965

Issue Date: 21 June 2021

Expiration Date: 20 June 2024

Vienna, 21 June 2021

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3

Konrad Scheiber
General Manager

Ing. Michael Dragosits, MSc
Specialist representative

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广东万磁科技有限公司



Guang Dong Wan Ci Technology Co., Ltd

证书号第 14049731 号



实用新型专利证书

实用新型名称：大电流组合式一体成型电感

发 明 人：龚家万;马肖勇

专 利 号：ZL 2021 2 0363780.1

专利申请日：2021 年 02 月 08 日

专 利 权 人：广东万磁科技有限公司

地 址：516000 广东省惠州市博罗县石湾镇四十米大道中岗路段

授权公告日：2021 年 08 月 27 日

授权公告号：CN 214068533 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。专利权期限为十年，自申请日起算。

专利书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长
申长雨

申长雨

2021 年 08 月 27 日

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其他事项参见续页



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



汽车电子
Automotive Electronic



电源
Power



工业控制
Industrial Control



医疗电子
Medical Electronics



新能源
New Energy

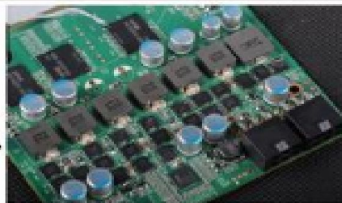
- 应用于汽车电子、电源、工业控制、医疗电子、新能源。
Applied to automotive electronics, power, industrial control, medical electronics, new energy, communication equipments.
- 磁屏蔽结构, 抗电磁干扰 (EMI) 性能强。
Magnetic shielding structure: excellent resistance to electromagnetic interference (EMI).
- 低损耗合金粉末压铸, 低阻抗
Die-casting by low loss alloy powder: Low impedance.
- 高效率, 应用频率宽, 适用范围广。
High efficiency, wide application frequency and application scope.
- 工作温度: $-55 \sim +155^{\circ}\text{C}$ (含线圈发热)
Operating temperature: $-55 \sim +155^{\circ}\text{C}$ (Including coil's temperature rise)



应用说明

Application Notes

工控主板、显卡、平板笔记本、
车载、分配电源、DC/DC转换、
LED照明、通讯设备、医疗设备、
军工、高铁、航天航空



新一代集成电路 必备优选器件



联系我们 Contact us

地址: 广东省惠州市博罗市石湾镇中岗苏屋工业区黄城塘路16号

Add: Suwu Industrial Zone, Zhonggang Village, Shiwan Town, Boluo County, Huizhou City, Guangdong Province

电话/Tel: 0752-6906668 传真/ Fax: 0752-6906667

联系人: 龚先生

手机/Mobile: 13928343886

Http: //www.wanci.com.tw E-mail: wanci888@163.com

产品简介



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



Product description

产品应用

APPLICATIONS

- PDA/笔记本/桌面/服务器应用程序。
PDA/Notebook/Desktop/Server applications
- 大电流 POL 变换器。
High current POL converters
- 薄型车载电源模组。电源, 电池设备
Battery powered devices
- 电力系统中的 DC/DC 变换器。
DC/DC Converters in distributes power systems



新能源汽车 (DC-DC 电源模组)

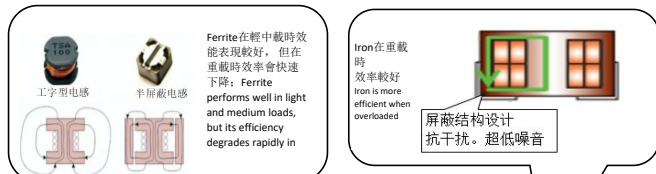
产品特点

Features

- 屏蔽结构设计。
Shielded construction
- 使用频率范围高达5.0兆赫兹。
Frequency range up to 5.0 MHz
- 设计结构紧凑具有最低的 DCR和较高的电感。
Lowest DCR/uH, in thispackage size
- 能处理高瞬态电流尖峰, 而不会饱和。
Handles high transient current spikes without saturation
- 封闭的磁路设计, 具备抗电磁干扰强, 超低噪音。
Ultra low buzz noise, due to composite construction
- 100% 无铅和符合 RoHS 标准。
100% Lead (Pb)-free and RoHS compliant

●铁氧体 (Ferrite) 及软磁铁粉 (Iron) 材料效率比較

Comparison of the efficiency of Ferrite and Iron powders



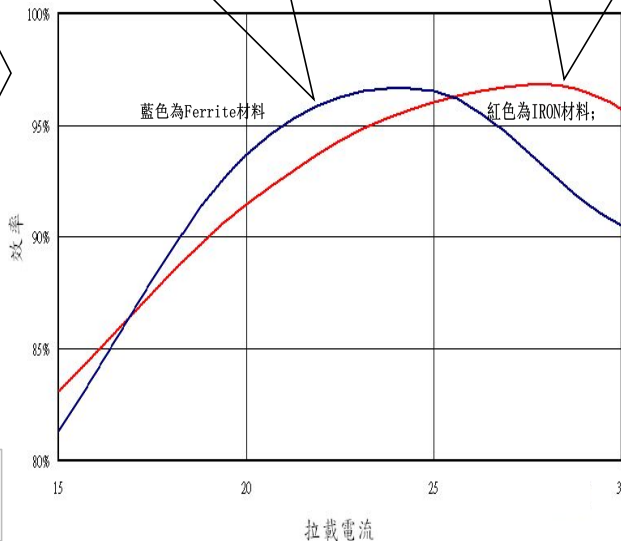
羰基鐵粉
顆粒: 3~8um, 顆粒圓
特性: Isat特性最佳

合金粉末
顆粒: 10~20um, 顆粒完整
特性: Core Loss低, 高Bs

180度低温烘烤结构: 合金粉末结构紧密没发生质变, 天然存再许多气隙, 导磁系数稍低, 但气隙多, 不易磁饱和。适合重载
180 °C low temperature baking structure: alloy powder structure has not changed, natural storage and many air gaps, high magnetic conductivity slightly low. But the air gap is more, not easy magnetic saturation. Suitable for overloading

Ferrite粉末
顆粒: 100~200um
特性: 高導磁系數

高温烧结结构: Ferrite粉末经高温烧结生成结构紧密的新铁氧体结构发生了质变, 高导磁系数。但气隙少, 易磁饱和。不适合重载
High-temperature sintered structure: Ferrite powder produced by high-temperature sintering of the new structure of Ferrite has a compact structure of qualitative change, high permeability. But less air gap, easy magnetic saturation. Not suitable for overloading



说明事项

NOTES

- 电感公差 $\pm 20\%$; 频率测试: 100kHz/1.0 V。
Inductance Tolerance $\pm 20\%$; Frequency Test: 100kHz/1.0v
- 所有的测试资料应该是在 25°C 的环境下测试。
All test data is referenced to 25°C ambient.
- 加 DC (I_{rms}) 电流值 (A) 会导致电感本体温度上升 ΔT 不超过 40°C。
IDC: DC current (A) that will cause an approximate ΔT of 40°C
- 加 DC (I_{sat}) 电流值 (A) 会导致初始电感值下降, 下降的幅度显示在附页各系列表中
Isat: DC current (A) that will cause L_o to drops, Details of the drops are shown in the attached table
- 工作温度范围: -55°C 至 155°C
Operationg Temperature Range -55°C to +155°C
- 我们提供高饱和和电流系列 (商用和汽车, -55°C ~ +125°C) 和低 DCR 系列 (汽车, -55°C ~ +155°C), 广泛的封装尺寸从 2.0x1.6x1.0 到 22x22x13 (mm)。
We offer high saturation current series (commercial and automotive, -55 °C to 125 °C) and low DCR series (Automotive, -55 °C to 155 °C), A wide range of package sizes from 2.0x1.6x1.0 to 22x22x13(mm) .
- 在较差的操作条件下, 零件温度 (环境温度 + 温升) 不应超过 155°C。电路设计、元器件布置、印制电路板轨迹尺寸和厚度、气流和其他冷却设备都会影响零件温度, 产品温度要在最终应用时应才被验证。
The part temperature (ambient+temp rise) should not exceed 125°C under worse case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provision all offect the part temperature. Part temperature should be verified in the end application.
- 我们可以根据客户的要求进行设计。
We can design according to customer's request.

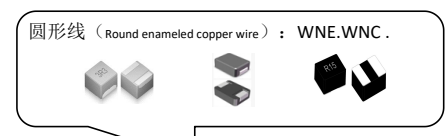
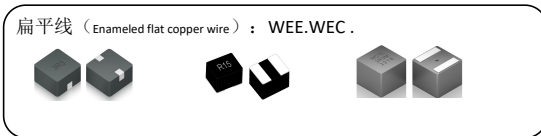
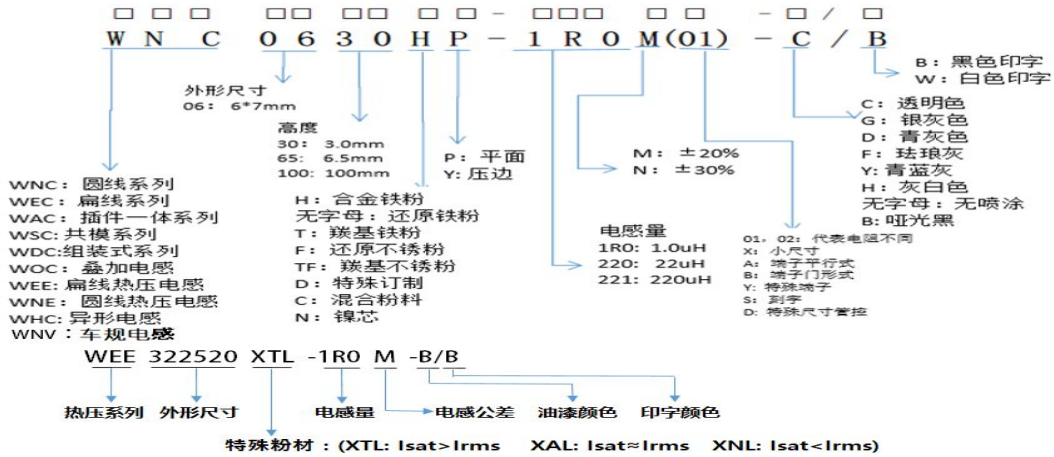
产品编码命名
Part Numbering:



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Guang Dong Wan Ci Technology Co., Ltd

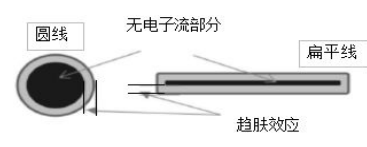


产品代码命名规则

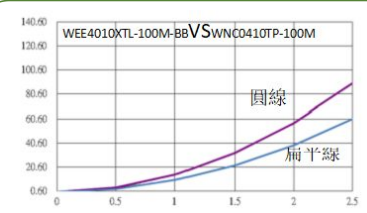


扁平线与圆线圈比较

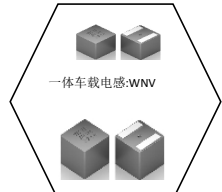
Comparison of advantages between Enameled flat copper wire and Round enameled copper wire



1.趋肤效应: 高频使用时, 有效降低趋肤效应的影响, 扁平线可导电面积大幅提升, 更适用于大电流, 大功率的产品。
High-frequency use, effectively reduce the effect of skin effect, flat line can be conductive area greatly increased, more suitable for large current, high-power products.



2.温升: 相同感值比较, 扁平线的温升明显优于圆线更适用于重载电路使用。Compared with the same inductance value, the temperature rise of flat line is obviously better than that of round line, which is more suitable for heavy-duty circuit.



●应用
薄型车载电源模组 (DC-DC 电源模组)
Thin Vehicle Power Module (DC-DC Power Module)



●应用
1. 隔离式转换器, 如反激式转换器。
2. 降压、升压、Sepic、Zeta、Cuk转换器。
3. 带有第二个、未稳压输出电压的开关稳压器
●应用
1. Isolated converters, such as flyback converters
2. Step-down, boost, SEPIC, Zeta, Cuk.
3. A switching regulator with a second, unregulated output voltage.



●特点
适用密集型电路板
●features,
apply to the dense circuit board



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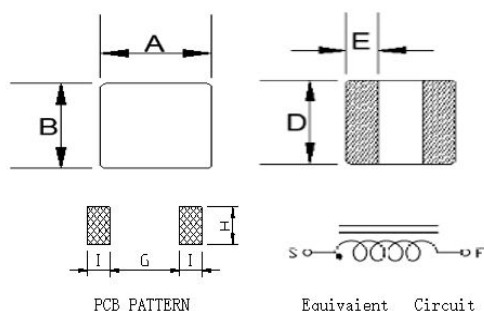
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE201610XTL Series



	UNIT:mm
A	2.0±0.2
B	1.6±0.2
C	1.0 Max
D	1.6±0.2
E	0.6±0.2
G	0.7(REF)
H	2.0(REF)
I	0.8(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE201610XTL-R24M-B/B	0.24	6.3	7.2	16.5	20.0
WEE201610XTL-R33M-B/B	0.33	5.0	7.1	25.0	30.0
WEE201610XTL-R47M-B/B	0.47	4.5	7.0	30.0	35.0
WEE201610XTL-R68M-B/B	0.68	4.0	4.5	46.0	52.0
WEE201610XTL-1R0M-B/B	1.00	3.0	3.5	68.5	76.0
WEE201610XTL-1R5M-B/B	1.50	2.1	3.0	105.0	120.0
WEE201610XTL-2R2M-B/B	2.20	1.6	2.4	180.0	204.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



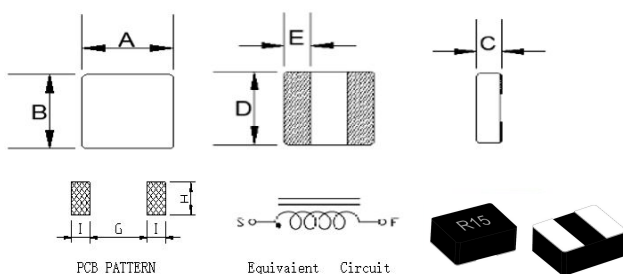
萬磁科技

广东万磁科技有限公司

Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE252010XTL/XAL Series



	UNIT:mm
A	2.5±0.2
B	2.0±0.2
C	1.0 Max
D	2.0±0.2
E	0.7±0.2
G	1.2(REF)
H	2.0(REF)
I	0.8(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE252010XTL-R33M-B/B	0.33	6.5	8.5	17.0	22.0
WEE252010XTL-R47M-B/B	0.47	4.5	6.5	20.0	25.0
WEE252010XTL-1R0M-B/B	1.00	3.5	4.5	45.0	52.0
WEE252010XTL-1R5M-B/B	1.50	3.0	3.5	85.0	105.0
WEE252010XTL-2R2M-B/B	2.20	2.3	3.0	102.0	118.0
WEE252010XTL-3R3M-B/B	3.30	1.8	2.3	157.0	175.0
WEE252010XTL-4R7M-B/B	4.70	1.6	1.8	225.0	235.0
WEE252010XAL-1R0M-B/B	1.00	4.5	4.5	51.0	60.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

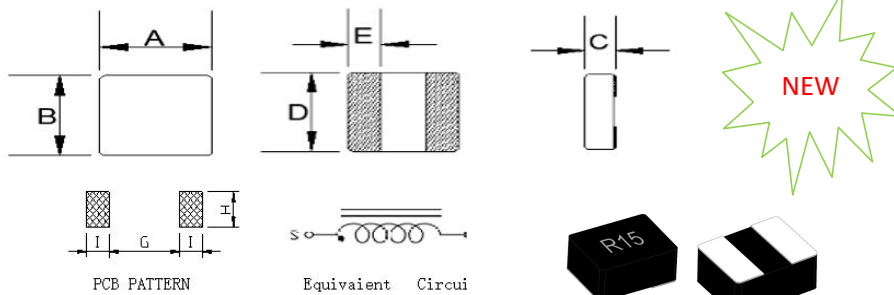
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MOLDING POWER INDUCTOR: WEE252012XTL Series



	UNIT:mm
A	2.5±0.2
B	2.0±0.2
C	1.2 Max
D	2.0±0.2
E	0.7±0.2
G	1.2(REF)
H	2.0(REF)
I	0.8(REF)

Part Number	L0 Inductance (μH) $\pm 20\%$ @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
WEE252012XTL-R22M-B/B	0.22	9.0	10.0	10.0	13.0
WEE252012XTL-R33M-B/B	0.33	6.5	9.0	13.8	20.0
WEE252012XTL-R47M-B/B	0.47	5.5	8.0	21.0	26.0
WEE252012XTL-R68M-B/B	0.68	5.2	6.5	29.5	35.0
WEE252012XTL-1R0M-B/B	1.00	5.0	5.5	30.0	37.0
WEE252012XTL-1R5M-B/B	1.50	3.2	5.0	62.0	70.0
WEE252012XTL-2R2M-B/B	2.20	2.6	3.5	85.0	92.0
WEE252012XTL-3R3M-B/B	3.30	2.0	3.0	123.0	138.0
WEE252012XTL-4R7M-B/B	4.70	1.8	2.5	175.0	190.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 $\pm 20\%$; 测试频率: 100kHz/1.0 v.

Inductance Tolerance $\pm 20\%$; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 $^{\circ}$ C 环境测试。

All test data is referenced to 25 $^{\circ}$ C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升 ΔT 不超过 40 $^{\circ}$ C.

Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

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MOLDING POWER INDUCTOR: WEE322510/12XTL Series

<table border="1"> <thead> <tr> <th colspan="2">UNIT:mm</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>3.2±0.2</td> </tr> <tr> <td>B</td> <td>2.5±0.2</td> </tr> <tr> <td>C</td> <td>1.0 Max(WEE322510) 1.2 Max(WEE322512)</td> </tr> <tr> <td>D</td> <td>2.5±0.2</td> </tr> <tr> <td>E</td> <td>1.0±0.2</td> </tr> <tr> <td>G</td> <td>1.1(REF)</td> </tr> <tr> <td>H</td> <td>2.8(REF)</td> </tr> <tr> <td>I</td> <td>1.2(REF)</td> </tr> </tbody> </table>			UNIT:mm		A	3.2±0.2	B	2.5±0.2	C	1.0 Max(WEE322510) 1.2 Max(WEE322512)	D	2.5±0.2	E	1.0±0.2	G	1.1(REF)	H	2.8(REF)	I
UNIT:mm																			
A	3.2±0.2																		
B	2.5±0.2																		
C	1.0 Max(WEE322510) 1.2 Max(WEE322512)																		
D	2.5±0.2																		
E	1.0±0.2																		
G	1.1(REF)																		
H	2.8(REF)																		
I	1.2(REF)																		

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE322510XTL-1R0M-B/B	1.00	4.0	6.0	40.0	48.0
WEE322512XTL-R10M-B/B	0.10	8.5	16.0	10.5	13.0
WEE322512XTL-R22M-B/B	0.22	8.0	14.0	10.8	14.0
WEE322512XTL-R47M-B/B	0.47	6.0	12.0	20.0	24.0
WEE322512XTL-R56M-B/B	0.56	5.0	10.0	25.0	30.0
WEE322512XTL-R68M-B/B	0.68	4.5	8.0	26.0	32.0
WEE322512XTL-1R0M-B/B	1.00	4.0	7.0	29.0	35.0
WEE322512XTL-1R5M-B/B	1.50	3.5	6.0	52.0	62.0
WEE322512XTL-2R2M-B/B	2.20	3.0	4.5	66.0	75.0
WEE322512XTL-3R3M-B/B	3.30	2.5	3.5	103.0	127.0
WEE322512XTL-4R7M-B/B	4.70	2.0	3.0	159.0	192.0
WEE322512XTL-100M-B/B	10.00	1.8	2.5	291.0	322.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

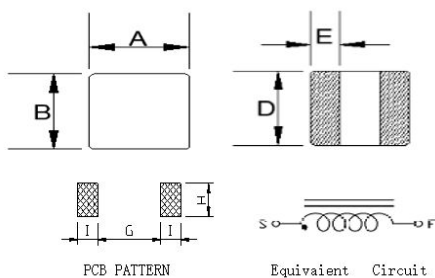
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MOLDING POWER INDUCTOR: WEE322515/18XAL Series



	UNIT:mm
A	3.2±0.2
B	2.5±0.2
C	1.5 Max(WEE322515) 1.8 Max(WEE322518)
D	2.5±0.2
E	1.0±0.2
G	1.1(REF)
H	2.8(REF)
I	1.2(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE322515XAL-R22M-B/B	0.22	13.0	11.0	7.0	7.9
WEE322518XAL-R47M-B/B	0.47	4.0	4.5	11.5	13.0

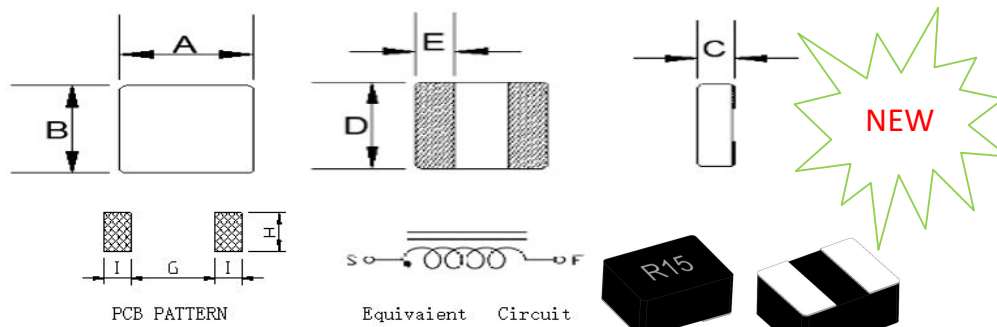
- ※1: 您需要产品，请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE322520XTL Series



	UNIT:mm
A	3.2±0.2
B	2.5±0.2
C	1.8±0.3
D	2.5±0.2
E	1.0±0.2
G	1.1(REF)
H	2.8(REF)
I	1.2(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE322520XTL-R68M-B/B	0.68	6.5	11.0	12.9	16.0
WEE322520XTL-1R0M-B/B	1.00	5.4	10.0	17.8	22.0
WEE322520XTL-1R5M-B/B	1.50	4.5	7.5	27.0	31.0
WEE322520XTL-2R2M-B/B	2.20	4.0	7.0	41.0	46.0
WEE322520XTL-3R3M-B/B	3.30	3.0	5.5	58.0	65.0
WEE322520XTL-4R7M-B/B	4.70	2.8	4.5	98.0	120.0
WEE322520XTL-6R8M-B/B	6.80	2.3	4.0	158.0	170.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

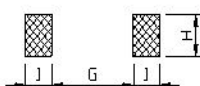
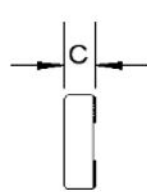
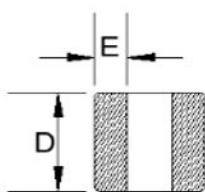
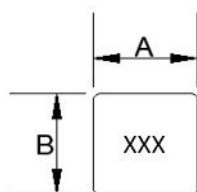
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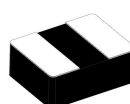
MOLDING POWER INDUCTOR: WEE4010XTL Series



PCB PATTERN



Equivalent Circuit



	UNIT:mm
A	4.0±0.3
B	4.0±0.3
C	1.0 Max
D	4.0±0.3
E	1.2+0.3/-0.2
G	1.5(REF)
H	4.3(REF)
I	1.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE4010XTL-1R0M-B/B	1.0	3.5	7.0	36.0	46.0
WEE4010XTL-2R2M-B/B	2.2	3.2	4.5	72.0	85.0
WEE4010XTL-3R3M-B/B	3.3	2.8	4.0	105.0	120.0
WEE4010XTL-4R7M-B/B	4.7	2.5	3.0	138.0	160.0
WEE4010XTL-6R8M-B/B	6.8	2.0	2.5	165.0	185.0
WEE4010XTL-100M-B/B	10.0	1.5	2.0	290.0	330.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A)会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

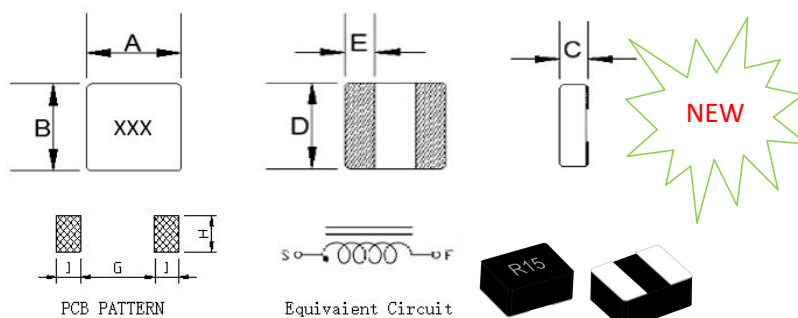
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MOLDING POWER INDUCTOR: WEE4012/4015XTL Series



	UNIT:mm
A	4.0±0.3
B	4.0±0.3
C	1.2Max(WEE4012) 1.5Max(WEE4015)
D	4.0±0.3
E	1.2+0.3/-0.2
G	1.5(REF)
H	4.3(REF)
I	1.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WEE4012XTL-R25M-B/B	0.25	8.0	11.0	8.0	10.0
WEE4012XTL-R47M-B/B	0.47	7.0	9.5	20.0	25.0
WEE4012XTL-R68M-B/B	0.68	6.0	8.0	25.0	30.0
WEE4012XTL-1R0M-B/B	1.0	5.0	7.0	27.0	33.0
WEE4012XTL-1R5M-B/B	1.5	4.2	6.5	43.0	55.0
WEE4012XTL-2R2M-B/B	2.2	4.0	6.0	52.0	63.0
WEE4012XTL-3R3M-B/B	3.3	3.5	5.0	78.0	90.0
WEE4012XTL-4R7M-B/B	4.7	3.0	4.5	96.0	110.0
WEE4012XTL-5R6M-B/B	5.6	2.5	4.0	121.0	140.0
WEE4012XTL-6R8M-B/B	6.8	2.3	3.5	140.0	160.0
WEE4012XTL-100M-B/B	10.0	1.8	2.5	210.0	240.0
WEE4015XTL-R47M-	0.47	9.2	10.0	12.0	15.0
WEE4015XTL-2R2M-	2.20	6.0	6.5	35.0	39.8

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40℃.

Irms : DC current (A) that will cause an approximateΔT of 40℃

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

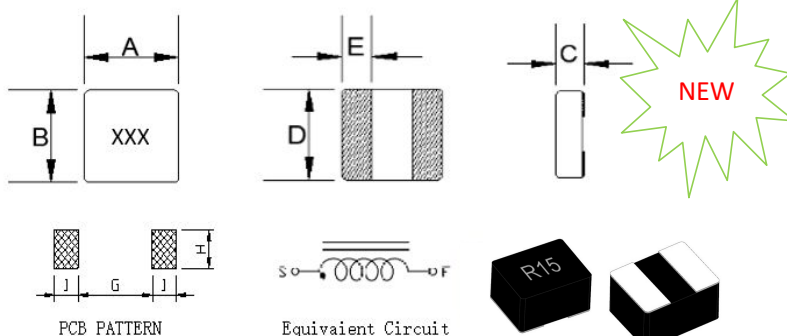
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MOLDING POWER INDUCTOR: WEE4020XTL/XNL Series



	UNIT:mm
A	4.0±0.3
B	4.0±0.3
C	1.8±0.3
D	4.0±0.3
E	1.2+0.3/-0.2
G	1.5(REF)
H	4.3(REF)
I	1.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(mΩ)	
				TYP. (25℃)	MAX. (25℃)
WEE4020XTL-1R0M-B/B	1.00	14.0	11.0	7.7	8.9
WEE4020XTL-1R5M-B/B	1.50	6.0	10.0	16.0	20.0
WEE4020XTL-2R2M-B/B	2.20	5.0	8.0	27.0	34.0
WEE4020XTL-3R3M-B/B	3.30	4.5	6.0	36.0	43.0
WEE4020XTL-4R7M-B/B	4.70	4.0	5.5	52.0	63.0
WEE4020XTL-100M-B/B	10.00	2.6	4.0	110.0	125.0
WEE4020XTL-220M-B/B	22.00	1.7	2.8	258.0	280.0
WEE4020XNL-R33M-B/B	0.33	20.0	13.0	4.0	4.6
WEE4020XNL-R47M-B/B	0.47	18.0	11.4	4.2	4.8
WEE4020XNL-R68M-B/B	0.68	16.0	10.4	5.8	6.4
WEE4020XNL-1R0M-B/B	1.00	14.0	8.0	7.7	8.9
WEE4020XNL-1R2M-B/B	1.20	12.5	6.7	9.0	9.9

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

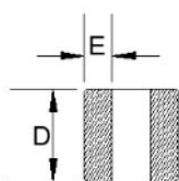
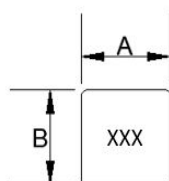
We can design according to customer's request.



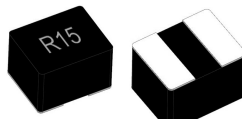
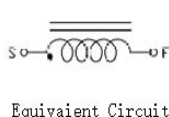
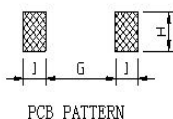
广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE4030XTL/XNL Series



NEW



	UNIT:mm
A	4.0±0.3
B	4.0±0.3
C	2.8±0.3
D	4.0±0.3
E	1.2+0.3/-0.2
G	1.5(REF)
H	4.3(REF)
I	1.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE4030XTL-R15M-B/B	0.15	26.0	24.0	1.6	1.9
WEE4030XTL-R30M-B/B	0.30	24.0	17.0	2.5	2.9
WEE4030XTL-R47M-B/B	0.47	21.2	14.2	3.4	3.9
WEE4030XTL-R68M-B/B	0.68	14.0	12.0	4.2	4.8
WEE4030XTL-1R0M-B/B	1.0	13.0	10.3	6.5	7.2
WEE4030XTL-1R5M-B/B	1.5	10.2	8.8	9.5	10.5
WEE4030XTL-2R2M-B/B	2.2	8.7	7.0	13.5	15.0
WEE4030XTL-3R3M-B/B	3.3	7.5	5.3	19.9	21.9
WEE4030XTL-4R7M-B/B	4.7	6.6	4.4	28.5	31.5
WEE4030XTL-6R8M-B/B	6.8	4.7	3.65	43.5	47.9
WEE4030XTL-8R2M-B/B	8.2	4.2	3.45	50.6	55.7
WEE4030XTL-100M-B/B	10.0	3.9	3.1	63.0	69.5
WEE4030XNL-R47M-B/B	0.47	21.2	17.0	3.4	3.9

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

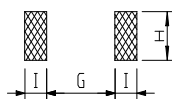
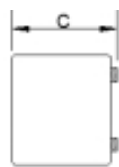
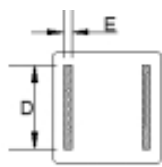
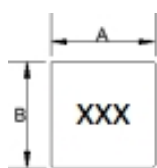
We can design according to customer's request.



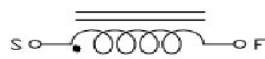
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE4030HXP Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	4.0±0.3
B	4.0±0.3
C	2.8±0.3
D	3.3±0.3
E	0.82±0.1
G	1.4(REF)
H	3.7(REF)
I	0.98(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WEE4030HXP-3R3M-B	3.3	6.6	7.5	26.0	28.6
WEE4030HXP-4R7M-B	4.7	5.5	6.0	35.5	44.0
WEE4030HXP-6R8M-B	6.8	3.9	4.5	65.0	74.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40℃.

Irms : DC current (A) that will cause an approximateΔT of 40℃

※5: 加 直流饱和电流(A)會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE4040XTL Series

XXX

NEW

UNIT:mm

A	4.0±0.3
B	4.0±0.3
C	3.8±0.3
D	4.0 ±0.3
E	1.2+0.3/-0.2
G	1.5(REF)
H	4.3(REF)
I	1.5(REF)

PCB PATTERN

Equivalent Circuit

Part Number	L0 Inductance (μH) ±20% (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(mΩ)	
				TYP. (25℃)	MAX. (25℃)
WEE4040XTL-R15M-B/B	0.15	30.2	21.0	1.5	1.8
WEE4040XTL-R30M-B/B	0.30	24.6	15.3	2.2	2.6
WEE4040XTL-R47M-B/B	0.47	20.8	12.2	2.8	3.2
WEE4040XTL-R68M-B/B	0.68	18.3	10.5	3.5	4.0
WEE4040XTL-1R0M-B/B	1.00	14.8	9.3	4.8	5.6
WEE4040XTL-1R5M-B/B	1.50	12.5	7.9	6.8	7.9
WEE4040XTL-2R2M-B/B	2.20	11.0	6.4	10.1	11.5
WEE4040XTL-3R3M-B/B	3.30	8.7	5.5	15.0	16.6
WEE4040XTL-4R7M-B/B	4.70	7.1	4.4	22.2	24.5
WEE4040XTL-6R8M-B/B	6.80	5.6	4.0	31.5	34.7
WEE4040XTL-100M-B/B	10.00	5.0	2.8	45.8	50.5

※1: 您需要产品，请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40℃。

Irms : DC current (A) that will cause an approximateΔT of 40℃

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

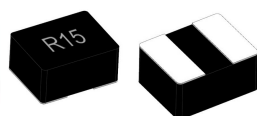
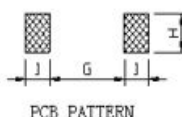
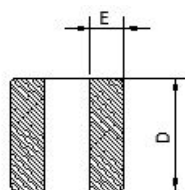
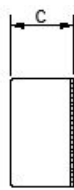
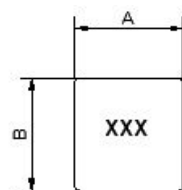


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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNE5030XTL/XAL Series



	UNIT:mm
A	5.2±0.2
B	5.4±0.2
C	2.8±0.3
D	5.4±0.2
E	1.6±0.2
G	2.2(REF)
H	5.8(REF)
I	1.8(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNE5030XTL-R15M-B/W	0.15	35.0	41.0	0.73	0.74±7%
WNE5030XTL-R33M-B/W	0.33	20.0	21.0	1.75	2.10
WNE5030XTL-1R5M-B/W	1.5	12.0	14.0	8.50	11.0
WNE5030XTL-100M-B/W	10.0	4.0	5.0	55.0	65.0
WNE5030XAL-R47M-B/W	0.47	16.0	12.0	3.00	3.60
WNE5030XAL-1R5M-B/W	1.5	12.0	11.0	8.50	11.0
WNE5030XAL-2R2M-B/W	2.2	9.5	10.0	10.50	13.0
WNE5030XAL-3R3M-B/W	3.3	8.1	8.7	20.5	23.3

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

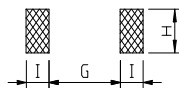
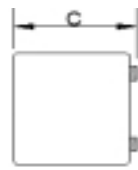
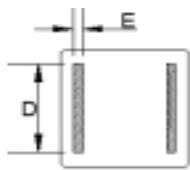
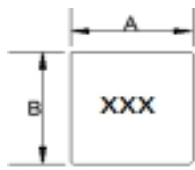
We can design according to customer's request.



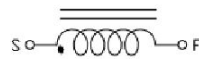
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WEE6030/6060HXP Series



PCB Patten



Equivalent Circuit



	UNIT:mm
A	6.6±0.2
B	6.4±0.2
C	2.8±0.3(WEE6030) 5.8±0.3(WEE6060)
D	5.1±0.5
E	1.4±0.2
G	2.5(REF)
H	5.6(REF)
I	1.6(REF)

Part Number	L0 Inductance (μ H) $\pm 20\%$ @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
WEE6030HXP-1R0M-B	1.0	18.0	23.0	5.7	6.18
WEE6030HXP-3R3M-B	3.3	8.0	12.2	20.1	20.81
WEE6060HXP-4R7M-B	4.7	11.0	10.5	13.1	14.4
WEE6060HXP-8R2M-B	8.2	8.0	8.4	24.0	26.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 $\pm 20\%$; 测试频率: 100kHz/1.0 v。

Inductance Tolerance $\pm 20\%$; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 $^{\circ}$ C 环境测试。

All test data is referenced to 25 $^{\circ}$ C ambient.

※4: 加 直流温升电流 (A) 會導致本体温度上升 ΔT 不超过 40 $^{\circ}$ C.

Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C

※5: 加 直流饱和电流 (A) 會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

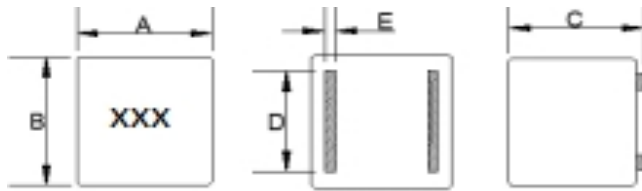
We can design according to customer's request.



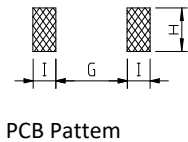
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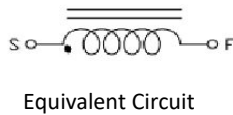
MOLDING POWER INDUCTOR: WEE10100HXP Series



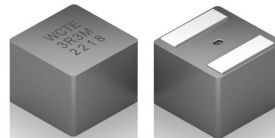
	UNIT:mm
A	11.3±0.3
B	10.0±0.3
C	9.8±0.3
D	8.2-0.2/+0.5
E	2.2±0.2
G	4.2(REF)
H	9.0(REF)
I	3.2(REF)



PCB Pattern



Equivalent Circuit



Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WEE10100HXP-2R2M-B	2.2	32.0	34.0	2.55	2.80
WEE10100HXP-3R3M-B	3.3	23.0	27.4	3.70	4.10
WEE10100HXP-4R7M-B	4.7	22.0	25.4	5.70	6.20
WEE10100HXP-5R6M-B	5.6	21.2	23.6	6.30	6.93
WEE10100HXP-6R8M-B	6.8	18.5	21.8	8.10	8.90
WEE10100HXP-8R2M-B	8.2	17.1	18.3	11.70	12.90
WEE10100HXP-100M-B	10.0	15.5	17.5	13.40	14.75
WEE10100HXP-150M-B	15	13.8	15.5	16.90	18.60

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

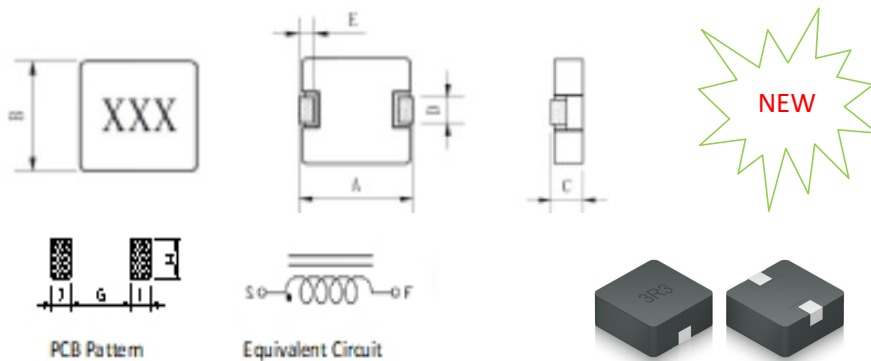
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WEC1020T Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	1.8±0.3
D	1.8 ± 0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	LO Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ)	
				TYP. (25°C)	MAX. (25°C)
WEC1020TP-R33M-D/B	0.33	29.0	38.0	1.80	2.30
WEC1020TP-R47M-D/B	0.47	23.0	35.0	3.00	3.80
WEC1020TP-1R0M-D/B	1.0	19.0	23.0	5.50	6.80
WEC1020TP-2R2M-D/B	2.2	8.0	14.0	13.3	16.5

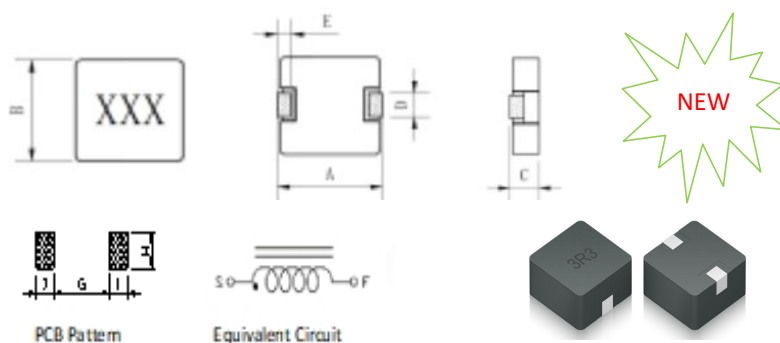
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和電流(A)會導致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WEC1050TP/HP . 1060TP/HP Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	4.8±0.3(1050) 5.8±0.3(1060)
D	1.8±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%① (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 25%	DCR (MΩ)	
				TYP. (25℃)	MAX. (25℃)
WEC1050TP-R47M-D/B	0.47	25.0	50.0	0.60	0.75
WEC1050TP-R68M-D/B	0.68	25.0	40.0	1.03	1.43
WEC1050TP-1R0M-D/B	1.00	21.0	35.0	1.74	2.10
WEC1050TP-2R2M-D/B	2.20	16.0	24.0	4.30	5.20
WEC1050TP-3R3M-D/B	3.30	13.0	18.0	5.30	6.40
WEC1050TP-4R7M-D/B	4.70	12.0	16.0	6.80	8.00
WEC1050TP-6R8M-D/B	6.80	10.0	13.0	9.60	12.40
WEC1050TP-100M-D/B	10.00	9.0	11.0	13.50	15.40
WEC1050TP-150M-D/B	15.00	6.5	9.5	18.50	21.00
WEC1050HP-R60M-B	0.60	25.0	35A Drop30%	1.10	1.30
WEC1060TP-220M-D/B	22.00	8.0	9.5A Drop30%	37.00	41.00
WEC1060HP-150M-B	15.00	7.2	7.2A Drop30%	18.20	21.00
WEC1060HP-220M-B	22.00	7.0	6A Drop30%	37.00	41.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40℃。

I_{rms} : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约25%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 25%

※6: 我们可以根据客户的要求进行设计。

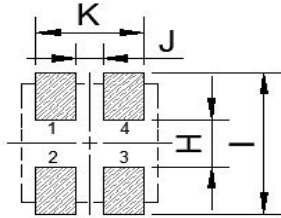
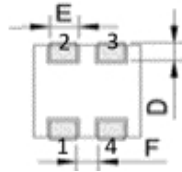
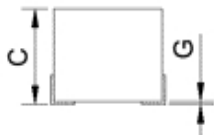
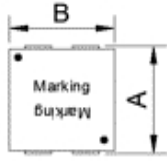
We can design according to customer's request.



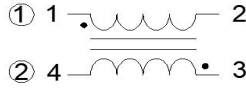
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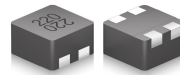
MOLDING COMMON MODE COUPLING INDUCTOR: WSC1050HXP Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	11.5 Max
B	10.2±0.2
C	5.0 Max
D	2.2 ± 0.3
E	2.5±0.2
F	1.9±0.2
G	0-0.15
H	6.0 (REF)
I	11.6 (REF)
J	1.8 (REF)
K	7.6 (REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)		Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ) TYP. (25°C)		DCR (MΩ) Max. (25°C)	
	L(1-2)	L(3-4)			R(1-2)	R(3-4)	R(1-2)	R(3-4)
WSC1050HXP-3R3M-B	3.3	3.3	7.0	32.0	18.3	18.3	22.0	22.0
WSC1050HXP-4R7M-B	4.7	4.7	6.0	30.0	27.0	27.0	32.0	32.0
WSC1050HXP-5R6M-B	5.6	5.6	5.0	23.0	38.5	38.5	45.0	45.0
WSC1050HXP-150M-B	15.0	15.0	3.0	13.0	82.0	82.0	95.0	95.0
WSC1050HXP-220M-B	22.0	22.0	2.5	10.0	102.0	102.0	115.0	115.0
WSC1050DHXP-4R7M-	4.7	4.7	5.0	28.0	33.4	33.4	38.0	38.0

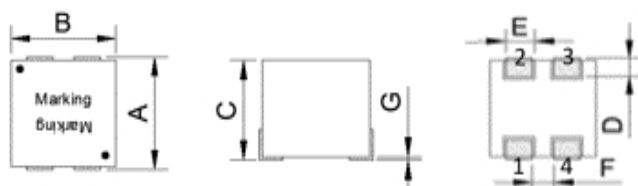
- ※1: 您需要产品，请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



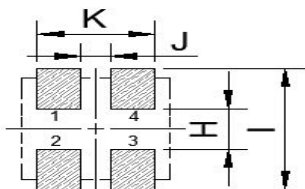
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Guang Dong Wan Ci Technology Co., Ltd



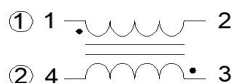
MOLDING COMMON MODE COUPLING INDUCTOR: WSC1090HXP Series



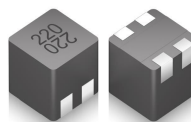
	UNIT:mm
A	11.5 Max
B	10.2±0.2
C	9.0 Max
D	2.2 ± 0.3
E	2.5±0.2
F	1.9±0.2
G	0-0.15
H	6.0 (REF)
I	11.6 (REF)
J	1.8 (REF)
K	7.6 (REF)



PCB Pattern



Equivalent Circuit



Part Number	L0 Inductance (µH) ±20%@ (0A)		Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR(MΩ) TYP. (25°C)		DCR(MΩ) Max. (25°C)	
	L(1-2)	L(3-4)			R(1-2)	R(3-4)	R(1-2)	R(3-4)
WSC1090HXP-1R0M-B	1.0	1.0	17.0	43.5	4.60	4.60	5.60	5.60
WSC1090HXP-1R5M-B	1.5	1.5	12.5	34.0	8.70	8.70	9.40	9.40
WSC1090HXP-2R2M-B	2.2	2.2	11.5	29.5	10.6	10.6	12.5	12.5
WSC1090HXP-3R3M-B	3.3	3.3	7.5	28.2	23.3	23.3	26.0	26.0
WSC1090HXP-4R7M-B	4.7	4.7	7.0	24.2	36.2	36.2	40.0	40.0
WSC1090HXP-6R8M-B	6.8	6.8	6.5	21.2	46.1	46.1	51.5	51.5
WSC1090HXP-8R2M-B	8.2	8.2	6.0	18.5	56.3	56.3	63.0	63.0
WSC1090HXP-100M-B	10.0	10.0	5.5	17.0	62.5	62.5	69.0	69.0
WSC1090HXP-150M-B	15.0	15.0	5.0	22.0	73.0	73.0	87.0	87.0
WSC1090HXP-220M-B	22.0	22.0	4.0	18.0	91.0	91.0	106.0	106.0
WSC1090HXP-330M-B	33.0	33.0	3.5	10.0	121.5	121.5	145.0	145.0
WSC1090HXP-470M-B	47.0	47.0	2.3	6.0	218.0	218.0	240.0	240.0
WSC1090DHXP-220M-B	22.0	22.0	6.0	9.0	51.0	51.0	58.0	58.0

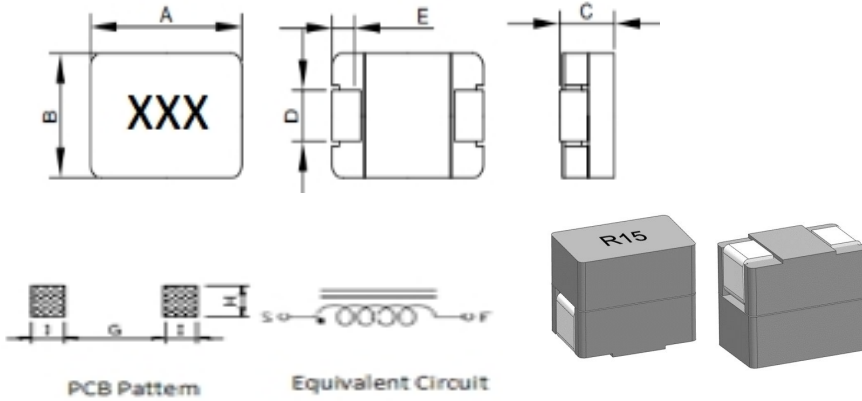
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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SMD POWER INDUCTOR: WDC106580 Series



	UNIT:mm
A	9.4±0.2
B	6.2±0.2
C	7.8±0.2
D	2.0±0.2
E	1.8±0.2
G	4.0(REF)
H	2.54(REF)
I	3.2(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 20%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WDC106580-R15M-B	0.15	51.0	65.0	0.28	0.29 ± 5%

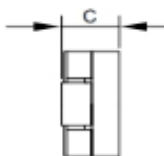
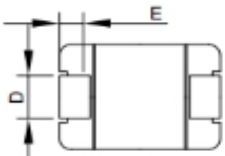
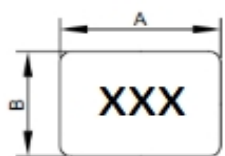
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A)会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A)会导致初始电感值下降约20%左右。
Isat : DC current (A) that will cause Lo to drop approximately 20%
- ※6: 我们可以根据客户的要求进行设计。
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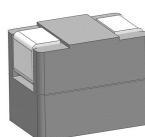
SMD POWER INDUCTOR: WDC107075 Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	10.5±0.5
B	7.0±0.5
C	7.2±0.5
D	1.7±0.2
E	2.7±0.5
G	4.0(REF)
H	2.6(REF)
I	3.6(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 20%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WDC107075-R15M-B	0.15	55.0	80.0	0.28	0.29 ± 5%

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 會導致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和電流 (A) 會導致初始电感值下降约20%左右。

Isat : DC current (A) that will cause Lo to drop approximately 20%

※6: 我们可以根据客户的要求进行设计。

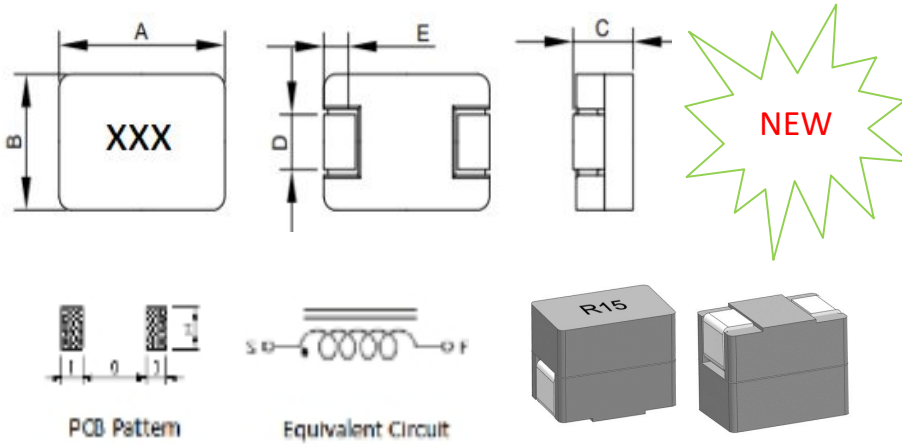
We can design according to customer's request.



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SMD POWER INDUCTOR: WDC108075 Series



	UNIT:mm
A	10.2±0.2
B	8.0Max
C	7.3±0.2
D	2.2±0.2
E	2.54±0.5
G	4.7(REF)
H	2.5(REF)
I	3.0(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 20%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WDC108075-R15M-B	0.15	56.0	76.0	0.28	0.29 ± 6%

- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A)會導致初始电感值下降约20%左右。
Isat : DC current (A) that will cause Lo to drop approximately 20%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING DOUBLE-GROUP POWER INDUCTOR: WDC1080TP Series

	UNIT:mm
A	10.0±0.3
B	11.2±0.3
C	8.0 Max
D	2.9±0.5
E	2.2±0.5
a	13.0(REF)
b	3.5(REF)
c	4.0(REF)

Equivalent Circuit

PCB Pattern

Part Number	L0 Inductance (μH) ±20%@(0A)		Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 20%	DCR (mΩ) TYP. (25°C)		DCR (mΩ) Max. (25°C)	
	L(1-2)	L(3-4)			R(1-2)	R(3-4)	R(1-2)	R(3-4)
WDC1080TP-8R2M-D/B	8.2	8.2	14.0	6.0	32.8	32.8	32±10%	32±10%
WDC1080TP-100M-D/B	10.0	10.0	13.0	5.5	44.9	44.9	45±10%	45±10%
WDC1080TP-150M-D/B	15.0	15.0	12.0	4.5	66.2	66.2	65±10%	65±10%
WDC1080TP-220M-D/B	22.0	22.0	9.0	4.0	106.3	106.3	105±10%	105±10%

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A)会导致初始电感值下降约20%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 20%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



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MOLDING DOUBLE-GROUP POWER INDUCTOR: WDC1213TP Series

Equivalent Circuit




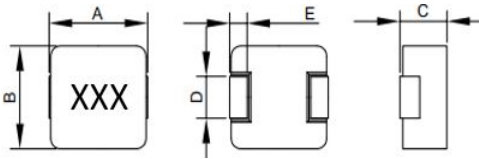



PCB Pattern

NEW

	UNIT:mm
A	12.85±0.3
B	13.8±0.5
C	13 Max
D	3.6±0.5
E	2.3±0.5
a	14.3(REF)
b	2.9(REF)
c	5.0(REF)

Part Number	L0 Inductance (μH) ±20%Ⓢ (0A)		Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 20%	DCR (mΩ) TYP. (25°C)		DCR (mΩ) Max. (25°C)	
	L(1-2)	L(3-4)			R (1-2)	R (3-4)	R (1-2)	R (3-4)
WDC1213TP-8R2M-D/B	8.2	8.2	25.0	10.0	16.3	16.3	16±10%	16±10%
WDC1213TP-100M-D/B	10.0	10.0	21.0	9.0	20.8	20.8	20.5±10%	20.5±10%
WDC1213TP-150M-D/B	15.0	15.0	16.0	7.0	34.2	34.2	33.5±10%	33.5±10%
WDC1213TP-220M-D/B	22.0	22.0	15.0	5.5	51.2	51.2	50±10%	50±10%

- ※1: 您需要产品，请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升電流(A)會導致本体温度上升ΔT不超过 40°C。
I_{rms} : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和電流(A)會導致初始电感值下降约20%左右。
I_{sat} : DC current (A) that will cause Lo to drop approximately 20%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.

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MOLDING POWER INDUCTOR: WNC0420T Series					
				UNIT:mm	
A	4.5±0.3				
B	4.06±0.3				
C	2.0Max				
D	1.5±0.3				
	2.0±0.3				
E	1.0±0.3				
G	2.0(REF)				
H	2.2(REF)				
I	1.5(REF)				
					
Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0420TP-R10M-G/B	0.10	18.0	35.0	3.50	4.20
WNC0420TP-R15M-G/B	0.15	15.0	28.0	3.70	4.50
WNC0420TP-R22M-G/B	0.22	12.0	23.0	5.10	6.00
WNC0420TP-R33M-G/B	0.33	10.0	17.0	8.30	9.80
WNC0420TP-R47M-G/B	0.47	9.0	15.0	12.8	16.0
WNC0420TP-R56M-G/B	0.56	8.0	13.0	13.0	16.0
WNC0420TP-R68M-G/B	0.68	7.0	12.0	16.0	19.0
WNC0420TP-1R0M-G/B	1.0	6.0	10.0	23.5	28.0
WNC0420TP-1R2M-G/B	1.2	5.0	9.0	33.0	39.6
WNC0420TP-1R5M-G/B	1.5	4.5	8.0	35.0	42.0
WNC0420TP-2R2M-G/B	2.2	4.0	7.0	53.0	60.0
WNC0420TP-3R3M-G/B	3.3	3.5	6.0	86.0	96.0
WNC0420TP-4R7M-G/B	4.7	3.0	5.0	112.0	125.0
WNC0420TP-5R6M-G/B	5.6	2.8	4.5	146.0	173.0
WNC0420TP-6R8M-G/B	6.8	2.5	4.0	165.0	185.0
WNC0420TP-8R2M-G/B	8.2	2.0	3.5	264.0	290.0
WNC0420TP-100M-G/B	10.0	1.8	3.0	285.0	310.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

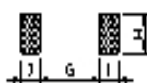
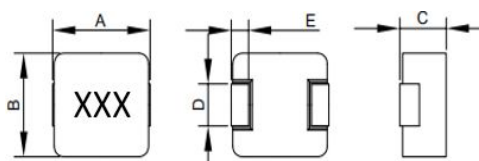
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MOLDING POWER INDUCTOR: WNC0420H Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	4.5±0.3
B	4.06±0.3
C	2.0Max
D	1.5±0.3
	2.0±0.3
E	1.0±0.3
G	2.0(REF)
H	2.2(REF)
I	1.5(REF)

Part Number	L0 Inductance (µH) ±20% (0A)	Heat Rating Current Irms (A)	Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0420HP-R10M-B	0.10	13.0	22.0	3.50	4.00
WNC0420HP-R22M-B	0.22	10.0	16.0	6.00	7.50
WNC0420HP-R33M-B	0.33	9.0	12.0	8.8	10.6
WNC0420HP-R47M-B	0.47	7.0	10.0	10.4	13.0
WNC0420HP-R68M-B	0.68	5.5	8.0	19.0	21.0
WNC0420HP-1R0M-B	1.0	4.5	7.0	23.0	27.0
WNC0420HP-1R5M-B	1.5	4.0	6.0	33.0	39.0
WNC0420HP-2R2M-B	2.2	3.0	5.0	53.5	60.0
WNC0420HP-3R3M-B	3.3	2.8	4.0	72.0	80.0
WNC0420HP-4R7M-B	4.7	2.5	3.5	110.0	120.0
WNC0420HP-5R6M-B	5.6	2.0	3.3	128.0	140.0
WNC0420HP-6R8M-B	6.8	1.8	3.0	170.0	185.0
WNC0420HP-100M-B	10.0	1.6	2.5	252.0	270.0
WNC0420HPC-R10M-B	0.10	20.0	20.0	3.00	4.00
WNC0420HPC-1R0M-B	1.0	6.0	6.0	18.0	21.0
WNC0420HPC-2R2M-B	2.2	4.5	4.5	45.0	53.0
WNC0420HPC-3R3M-B	3.3	3.5	3.5	59.0	67.0
WNC0420HPC-4R7M-B	4.7	3.0	3.0	99.0	110.0
WNC0420HPC-100M-B	10.0	2.3	2.3	235.0	253.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

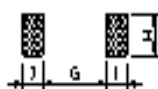
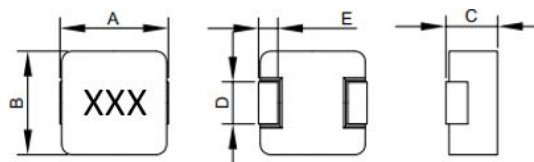


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MOLDING POWER INDUCTOR: WNC0515T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	1.5Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0515TP-R15M-G/B	0.15	16.0	26.0	4.50	5.40
WNC0515TP-R22M-G/B	0.22	15.0	25.0	6.50	7.80
WNC0515TP-R47M-G/B	0.47	12.0	20.0	11.0	13.0
WNC0515TP-R68M-G/B	0.68	10.0	15.0	11.6	13.5
WNC0515TP-1R0M-G/B	1.0	8.0	10.0	19.5	24.0
WNC0515TP-2R2M-G/B	2.2	5.0	7.0	63.0	70.0
WNC0515TP-3R3M-G/B	3.3	4.0	6.0	68.0	75.0
WNC0515TP-4R7M-G/B	4.7	3.0	5.0	108.0	118.0
WNC0515TP-5R6M-G/B	5.6	2.8	4.5	126.0	140.0
WNC0515TP-6R8M-G/B	6.8	2.5	4.2	142.0	155.0
WNC0515TP-8R2M-G/B	8.2	2.4	4.0	175.0	190.0
WNC0515TP-100M-G/B	10.0	2.3	3.8	255.0	280.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 會導致本体温度上升ΔT不超过 40°C。

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 會導致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

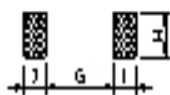
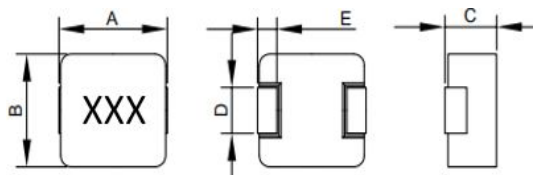


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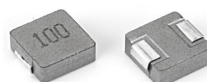
MOLDING POWER INDUCTOR: WNC0515H Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	1.5Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0515HP-R47M-B	0.47	9.0	12.0	11.5	13.5
WNC0515HP-R68M-B	0.68	6.0	10.0	18.0	21.0
WNC0515HP-1R0M-B	1.0	5.0	8.0	24.5	33.0
WNC0515HP-2R2M-B	2.2	3.3	5.0	60.0	68.0
WNC0515HP-3R3M-B	3.3	3.0	5.0	95.0	106.0
WNC0515HP-4R7M-B	4.7	2.5	4.0	122.0	135.0
WNC0515HP-5R6M-B	5.6	2.2	3.5	138.0	150.0
WNC0515HP-6R8M-B	6.8	2.0	3.0	142.0	155.0
WNC0515HP-100M-B	10.0	1.5	2.0	194.0	213.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

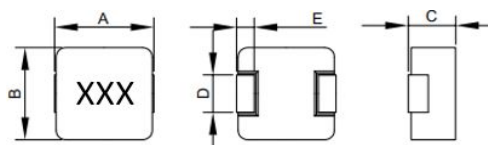


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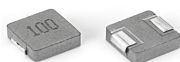
MOLDING POWER INDUCTOR: WNC0518H Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	1.8Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0518HP-1R0M-B	1.0	7.0	9.0	17.0	20.0
WNC0518HP-1R5M-B	1.5	6.0	7.0	28.5	30.0
WNC0518HP-2R2M-B	2.2	4.0	6.0	35.0	40.0
WNC0518HP-3R3M-B	3.3	3.0	5.0	52.6	60.0
WNC0518HP-4R7M-B	4.7	2.5	4.0	76.0	85.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



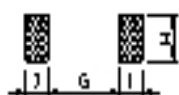
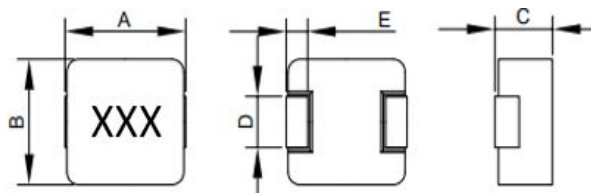
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MOLDING POWER INDUCTOR: WNC0518T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	1.8Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0518TP-R22M-G/B	0.22	16.0	28.0	4.40	5.30
WNC0518TP-R47M-G/B	0.47	13.0	22.0	8.00	9.50
WNC0518TP-1R0M-G/B	1.0	8.0	14.0	14.0	16.5
WNC0518TP-2R2M-G/B	2.2	6.0	8.0	36.0	45.0
WNC0518TP-4R7M-G/B	4.7	3.5	5.5	76.0	85.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

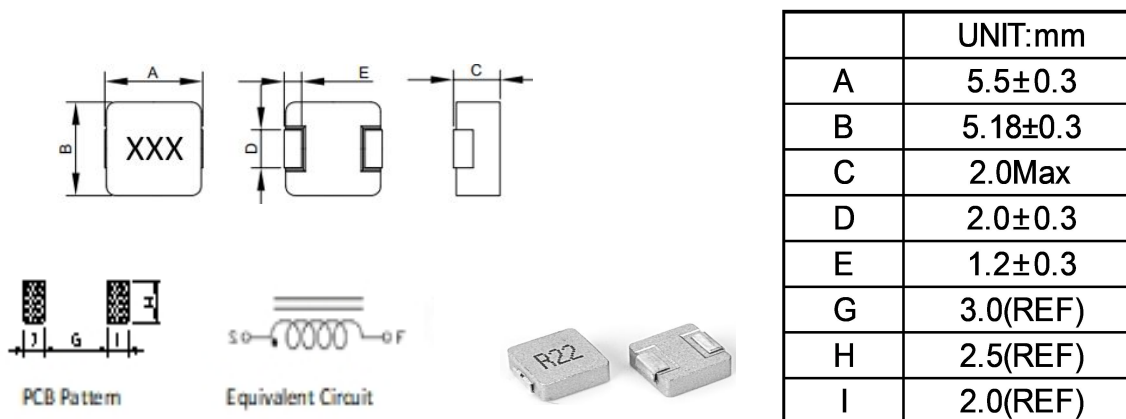
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0520T Series



Part Number	L0 Inductance (μH) ±20%⊖ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0520TP-R10M-G/B	0.10	20.0	32.0	3.00	3.60
WNC0520TP-R22M-G/B	0.22	18.0	28.0	4.30	5.20
WNC0520TP-R33M-G/B	0.33	16.0	26.0	8.6	10.5
WNC0520TP-R47M-G/B	0.47	14.0	24.0	8.6	10.5
WNC0520TP-R68M-G/B	0.68	12.0	18.0	12.0	15.0
WNC0520TP-1R0M-G/B	1.0	10.0	15.0	17.0	20.0
WNC0520TP-1R5M-G/B	1.5	7.0	13.0	28.0	33.0
WNC0520TP-2R2M-G/B	2.2	6.0	9.0	33.0	39.0
WNC0520TP-3R3M-G/B	3.3	5.0	8.0	60.0	70.0
WNC0520TP-4R7M-G/B	4.7	4.0	6.5	84.0	95.0
WNC0520TP-5R6M-G/B	5.6	3.5	5.5	87.0	98.0
WNC0520TP-6R8M-G/B	6.8	3.0	4.5	93.0	105.0
WNC0520TP-8R2M-G/B	8.2	2.5	4.0	132.0	145.0
WNC0520TP-100M-G/B	10.0	2.0	3.5	155.0	175.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



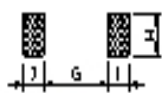
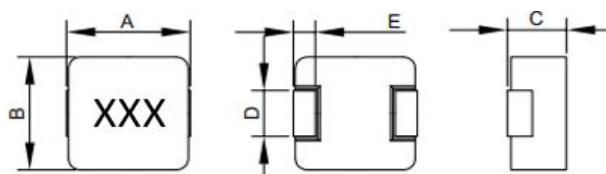
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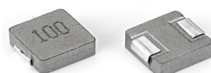
MOLDING POWER INDUCTOR: WNC0520H Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	2.0Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0520HP-R10M-B	0.10	15.0	25.0	3.00	3.60
WNC0520HP-R22M-B	0.22	13.0	19.0	4.20	5.00
WNC0520HP-R33M-B	0.33	11.0	16.0	8.4	10.0
WNC0520HP-R47M-B	0.47	10.0	14.0	8.4	10.0
WNC0520HP-R68M-B	0.68	8.0	10.0	11.5	14.0
WNC0520HP-1R0M-B	1.0	7.0	9.0	16.0	19.0
WNC0520HP-1R5M-B	1.50	5.5	8.0	28.5	34.0
WNC0520HP-2R2M-B	2.2	5.0	7.0	32.0	36.0
WNC0520HP-3R3M-B	3.30	4.5	6.0	58.0	63.0
WNC0520HP-4R7M-B	4.7	3.5	5.0	83.0	90.0
WNC0520HP-5R6M-B	5.60	2.8	4.0	86.0	95.0
WNC0520HP-6R8M-B	6.8	2.5	3.5	114.0	125.0
WNC0520HP-100M-B	10.00	1.8	2.8	155.0	175.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 會導致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流(A) 會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

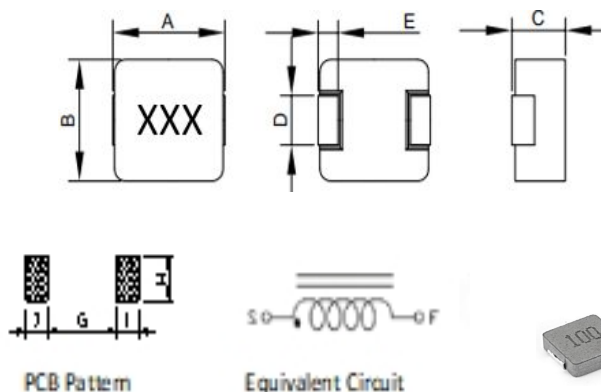


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MOLDING POWER INDUCTOR: WNC0530H Series



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	3.0Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0530HP-R10M-B	0.10	22.0	30.0	2.10	2.30
WNC0530HP-R47M-B	0.47	11.0	15.0	6.60	8.00
WNC0530HP-R68M-B	0.68	9.0	12.0	9.1	11.0
WNC0530HP-1R0M-B	1.0	7.0	10.0	11.3	14.0
WNC0530HP-1R5M-B	1.5	6.0	9.0	15.0	18.0
WNC0530HP-2R2M-B	2.2	5.5	8.0	25.0	30.0
WNC0530HP-3R3M-B	3.3	5.0	7.0	33.0	38.0
WNC0530HP-4R7M-B	4.7	4.0	6.0	54.0	62.0
WNC0530HP-6R8M-B	6.8	3.0	5.0	81.0	90.0
WNC0530HP-100M-B	10.0	2.0	3.0	105.0	115.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

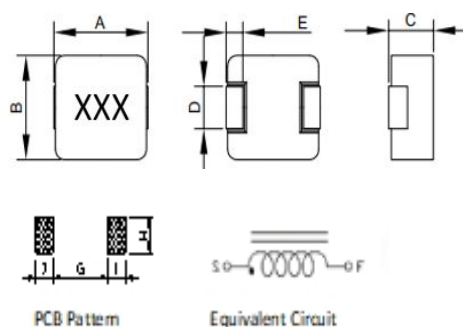
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0530T Series



	UNIT:mm
A	5.5±0.3
B	5.18±0.3
C	3.0Max
D	2.0±0.3
E	1.2±0.3
G	3.0(REF)
H	2.5(REF)
I	2.0(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0530TP-R10M-G/B	0.10	23.0	38.0	2.60	3.30
WNC0530TP-R15M-G/B	0.15	22.0	35.0	2.80	3.50
WNC0530TP-R22M-G/B	0.22	19.0	32.0	4.00	5.00
WNC0530TP-R33M-G/B	0.33	18.0	28.0	4.60	6.00
WNC0530TP-R47M-G/B	0.47	16.0	26.0	6.50	8.00
WNC0530TP-R68M-G/B	0.68	14.0	24.0	8.0	10.0
WNC0530TP-1R0M-G/B	1.0	12.0	18.0	11.5	14.0
WNC0530TP-1R2M-G/B	1.2	11.0	16.0	11.5	14.0
WNC0530TP-1R5M-G/B	1.5	9.0	14.0	15.5	18.5
WNC0530TP-2R2M-G/B	2.2	8.0	13.0	25.5	31.0
WNC0530TP-3R3M-G/B	3.3	7.0	11.0	32.5	37.0
WNC0530TP-4R7M-G/B	4.7	5.5	9.0	56.0	66.0
WNC0530TP-5R6M-G/B	5.6	5.0	8.0	63.0	72.0
WNC0530TP-6R8M-G/B	6.8	4.5	7.0	76.0	86.0
WNC0530TP-100M-G/B	10.0	4.0	6.0	111.0	122.0
WNC0530TP-150M-G/B	15.0	3.0	5.0	153.0	166.0
WNC0530TP-330M-G/B	33.0	2.0	3.5	315.0	340.0
WNC0530P-100M-G/B	10.0	3.0	4.0	109.0	120.0
WNC0530P-150M-G/B	15.0	2.5	3.5	156.0	163.0
WNC0530P-220M-G/B	22.0	2.0	3.0	270.0	295.0
WNC0530P-330M-G/B	33.0	1.6	2.0	330.0	360.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40℃.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和電流(A)會導致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

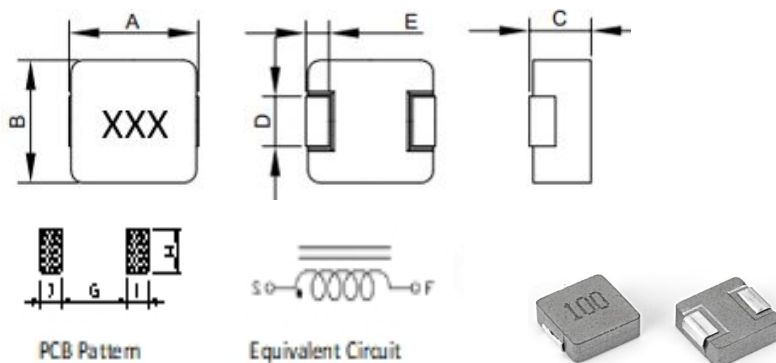


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MOLDING POWER INDUCTOR: WNC0620H Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	2.0Max
D	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (µH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0620HP-R10M-B	0.10	15.0	30.0	2.20	2.80
WNC0620HP-R22M-B	0.22	13.0	22.0	5.70	7.00
WNC0620HP-R68M-B	0.68	9.0	15.0	11.5	13.5
WNC0620HP-1R0M-B	1.0	7.0	12.0	16.0	19.0
WNC0620HP-2R2M-B	2.2	5.0	8.0	32.0	35.0
WNC0620HP-3R3M-B	3.3	4.5	7.0	60.0	70.0
WNC0620HP-4R7M-B	4.7	3.5	6.0	64.0	73.0
WNC0620HP-6R8M-B	6.8	2.5	4.0	110.0	122.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

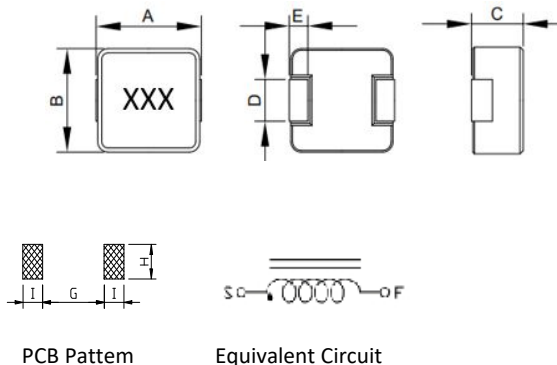
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0620T Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	2.0Max
D	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drops 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0620TY-R10M-G/B	0.10	21.0	45.0	2.70	3.30
WNC0620TY-R22M-G/B	0.22	17.0	30.0	2.80	3.50
WNC0620TY-R33M-G/B	0.33	15.0	26.0	5.60	7.00
WNC0620TY-R47M-G/B	0.47	11.0	23.0	6.10	7.80
WNC0620TY-R68M-G/B	0.68	10.0	21.0	9.8	12.0
WNC0620TY-1R0M-G/B	1.00	9.0	20.0	16.0	19.0
WNC0620TY-1R5M-G/B	1.50	8.0	18.0	22.0	26.0
WNC0620TY-2R2M-G/B	2.20	6.0	12.0	32.0	38.0
WNC0620TY-3R3M-G/B	3.30	5.0	9.0	45.0	53.0
WNC0620TY-4R7M-G/B	4.70	4.5	8.0	53.0	62.0
WNC0620TY-6R8M-G/B	6.80	4.0	6.0	114.0	128.0
WNC0620TY-100M-G/B	10.00	3.0	5.0	147.0	163.0

- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25℃ ambient.
- ※4: 加 直流升温電流 (A) 會導致本体温度上升ΔT不超过 40℃。
Irms : DC current (A) that will cause an approximateΔT of 40℃
- ※5: 加 直流饱和電流 (A) 會導致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.

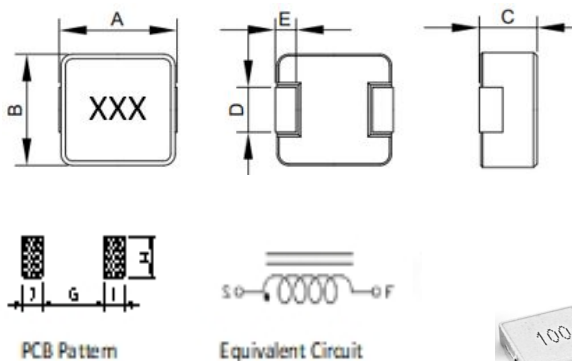


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MOLDING POWER INDUCTOR: WNC0624T Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	2.4Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0624TY-R10M-G/B	0.10	30.0	60.0	1.30	1.60
WNC0624TY-R22M-G/B	0.22	21.0	34.0	2.50	3.00
WNC0624TY-R47M-G/B	0.47	16.0	26.0	4.00	4.80
WNC0624TY-R68M-G/B	0.68	14.0	23.0	7.10	8.50
WNC0624TY-R82M-G/B	0.82	13.0	22.0	9.6	11.5
WNC0624TY-1R0M-G/B	1.0	12.0	22.0	11.3	13.0
WNC0624TY-1R5M-G/B	1.5	10.0	19.0	14.0	17.0
WNC0624TY-2R2M-G/B	2.2	8.0	14.0	22.0	26.0
WNC0624TY-3R3M-G/B	3.3	7.0	12.0	32.0	38.0
WNC0624TY-4R7M-G/B	4.7	6.0	11.0	47.0	55.0
WNC0624TY-6R8M-G/B	6.8	5.0	9.0	65.0	75.0
WNC0624TY-8R2M-G/B	8.2	4.5	8.0	82.0	90.0
WNC0624TY-100M-G/B	10.0	4.0	7.0	86.0	95.0
WNC0624TY-150M-G/B	15.0	3.5	6.0	122.0	136.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40℃。

Irms : DC current (A) that will cause an approximate ΔT of 40℃

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

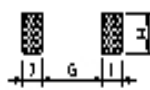
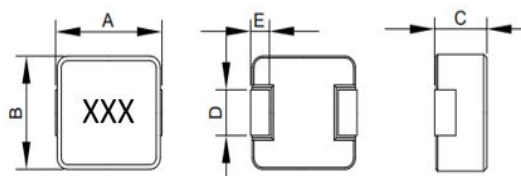


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MOLDING POWER INDUCTOR: WNC0624Y Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	2.4Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%① (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0624Y-R10M-G/B	0.10	20.0	35.0	1.60	2.10
WNC0624Y-R22M-G/B	0.22	12.0	21.0	1.80	2.20
WNC0624Y-1R0M-G/B	1.0	7.0	11.0	9.3	12.0
WNC0624Y-1R5M-G/B	1.5	6.0	10.0	14.0	17.0
WNC0624Y-2R2M-G/B	2.2	5.5	9.0	22.5	26.0
WNC0624Y-3R3M-G/B	3.3	5.0	9.0	30.0	35.0
WNC0624Y-4R7M-G/B	4.7	4.0	7.0	41.0	50.0
WNC0624Y-6R8M-G/B	6.8	3.0	5.0	64.0	72.0
WNC0624Y-8R2M-G/B	8.2	2.8	4.5	80.0	90.0
WNC0624Y-100M-G/B	10.0	2.5	4.0	86.0	98.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40℃。

Irms : DC current (A) that will cause an approximateΔT of 40℃

※5: 加 直流饱和電流(A)會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

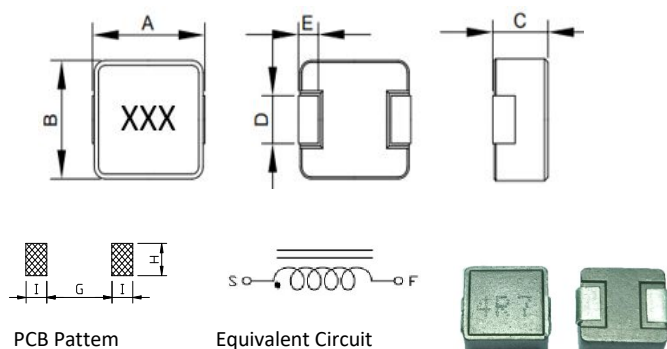
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0624H Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	2.4Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0624HY-R10M-B	0.10	18.0	35.0	1.40	1.70
WNC0624HY-R22M-B	0.22	15.0	24.0	2.60	3.20
WNC0624HY-R33M-B	0.33	13.0	20.0	3.50	4.30
WNC0624HY-R47M-B	0.47	12.0	17.0	4.00	5.00
WNC0624HY-R68M-B	0.68	10.0	15.0	6.00	7.50
WNC0624HY-1R0M-B	1.0	9.0	13.0	12.7	15.0
WNC0624HY-1R5M-B	1.5	7.0	10.0	13.0	15.5
WNC0624HY-2R2M-B	2.2	6.0	9.0	22.0	26.0
WNC0624HY-3R3M-B	3.3	5.0	8.0	32.0	38.0
WNC0624HY-4R7M-B	4.7	4.0	7.0	47.0	55.0
WNC0624HY-6R8M-B	6.8	3.0	5.0	63.0	70.0
WNC0624HY-100M-B	10.0	2.5	4.0	82.0	90.0

※1: 您需要产品，请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40℃。

Irms : DC current (A) that will cause an approximateΔT of 40℃

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

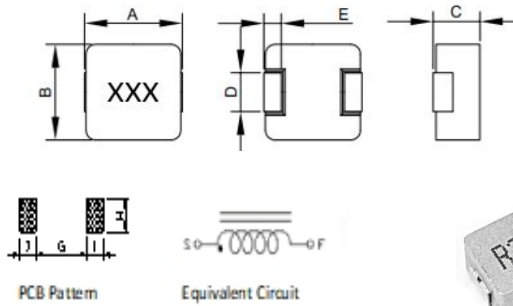
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0630P Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	3.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0630P-R10M-G/B	0.10	20.0	35.0	1.60	2.00
WNC0630P-R22M-G/B	0.22	18.0	30.0	1.70	2.10
WNC0630P-R33M-G/B	0.33	17.0	26.0	2.20	2.70
WNC0630P-R36M-G/B	0.36	16.0	25.0	2.40	3.00
WNC0630P-R47M-G/B	0.47	15.0	22.0	2.90	3.80
WNC0630P-R56M-G/B	0.56	14.0	20.0	4.00	5.00
WNC0630P-R68M-G/B	0.68	13.0	17.0	4.80	6.00
WNC0630P-R82M-G/B	0.82	12.0	16.0	6.80	8.00
WNC0630P-1R0M-G/B	1.0	11.0	15.0	6.80	8.00
WNC0630P-1R2M-G/B	1.2	10.0	14.0	8.9	10.0
WNC0630P-1R5M-G/B	1.5	9.0	12.0	9.1	11.0
WNC0630P-2R2M-G/B	2.2	8.0	10.0	13.0	16.0
WNC0630P-3R3M-G/B	3.3	7.0	9.0	19.0	22.0
WNC0630P-4R7M-G/B	4.7	6.0	8.0	32.7	38.0
WNC0630P-5R6M-G/B	5.6	5.0	7.0	41.0	48.0
WNC0630P-6R8M-G/B	6.8	4.0	6.0	45.0	53.0
WNC0630P-8R2M-G/B	8.2	3.5	5.5	50.0	60.0
WNC0630P-100M-G/B	10.0	3.0	5.0	66.0	76.0
WNC0630P-120M-G/B	12.0	2.8	4.5	74.0	85.0
WNC0630P-150M-G/B	15.0	2.5	4.0	105.0	115.0
WNC0630P-220M-G/B	22.0	2.3	3.0	122.0	135.0
WNC0630P-330M-G/B	33.0	2.0	2.8	193.0	210.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L_o to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

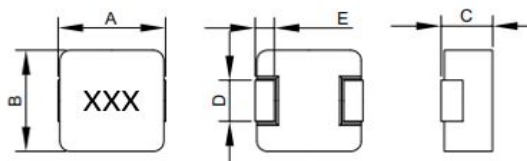


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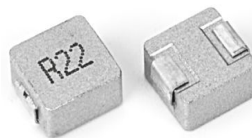
MOLDING POWER INDUCTOR: WNC0630T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	3.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	LO Inductance (μH) +20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0630TP-R10M-G/B	0.10	30.0	75.0	1.20	1.50
WNC0630TP-R12M-G/B	0.12	29.0	60.0	1.70	2.10
WNC0630TP-R15M-G/B	0.15	28.0	53.0	1.70	2.10
WNC0630TP-R22M-G/B	0.22	25.0	45.0	2.30	2.70
WNC0630TP-R33M-G/B	0.33	23.0	35.0	2.60	3.20
WNC0630TP-R36M-G/B	0.36	22.0	32.0	3.20	4.00
WNC0630TP-R47M-G/B	0.47	21.0	31.0	3.50	4.50
WNC0630TP-R68M-G/B	0.68	20.0	30.0	4.90	6.00
WNC0630TP-R82M-G/B	0.82	16.0	28.0	7.30	8.50
WNC0630TP-1R0M-G/B	1.0	13.0	26.0	7.50	9.00
WNC0630TP-1R2M-G/B	1.2	12.0	22.0	9.3	11.0
WNC0630TP-1R5M-G/B	1.5	11.0	20.0	10.5	13.0
WNC0630TP-2R2M-G/B	2.2	10.0	18.0	14.5	18.5
WNC0630TP-3R3M-G/B	3.3	9.0	15.0	25.0	30.0
WNC0630TP-4R7M-G/B	4.7	8.0	14.0	36.0	40.0
WNC0630TP-5R6M-G/B	5.6	7.0	13.0	43.0	51.0
WNC0630TP-6R8M-G/B	6.8	6.0	11.0	54.0	63.0
WNC0630TP-100M-G/B	10.0	4.5	8.0	78.0	88.0
WNC0630TP-150M-G/B	15.0	3.5	6.0	94.0	105.0
WNC0630TP-220M-G/B	22.0	2.5	4.0	122.0	138.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

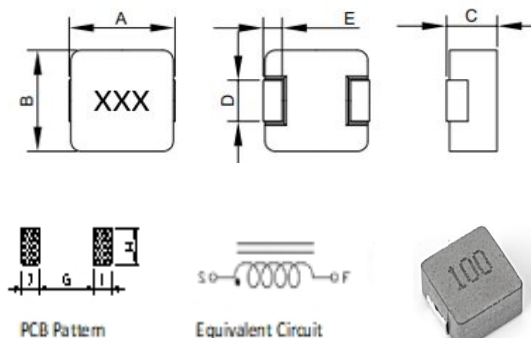
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MOLDING POWER INDUCTOR: WNC0630H Series



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	3.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	LO Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0630HP-R10M-B	0.10	32.5	55.0	1.35	1.60
WNC0630HP-R15M-B	0.15	30.0	40.0	1.70	2.50
WNC0630HP-R22M-B	0.22	23.0	34.0	2.20	2.80
WNC0630HP-R33M-B	0.33	21.0	27.0	2.30	2.60
WNC0630HP-R47M-B	0.47	18.0	20.0	3.50	4.10
WNC0630HP-R56M-B	0.56	17.0	18.0	4.30	4.90
WNC0630HP-R68M-B	0.68	16.0	17.0	5.00	5.30
WNC0630HP-R82M-B	0.82	13.0	16.0	6.00	6.90
WNC0630HP-1R0M-B	1.0	12.0	15.0	6.90	7.40
WNC0630HP-1R2M-B	1.2	10.5	14.0	8.0	10.5
WNC0630HP-1R5M-B	1.5	10.0	14.0	9.1	12.1
WNC0630HP-2R2M-B	2.2	8.5	10.0	15.0	17.5
WNC0630HP-3R3M-B	3.3	8.0	9.5	20.5	22.0
WNC0630HP-4R7M-B	4.7	6.0	9.0	29.0	33.0
WNC0630HP-5R6M-B	5.6	5.5	8.0	34.0	38.0
WNC0630HP-6R8M-B	6.8	5.0	6.1	44.0	48.0
WNC0630HP-8R2M-B	8.2	4.5	5.5	56.0	65.0
WNC0630HP-100M-B	10.0	4.0	5.0	62.0	68.0
WNC0630HP-150M-B	15.0	3.0	4.0	110.0	115.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25℃ ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40℃.

Irms : DC current (A) that will cause an approximate ΔT of 40℃

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

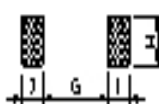
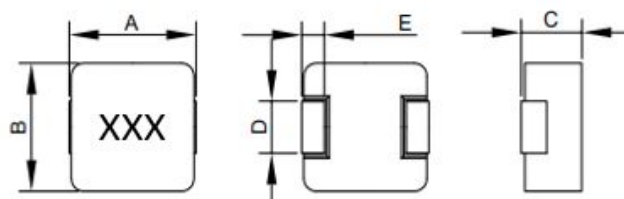
Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



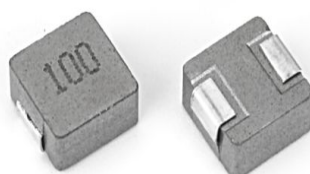
MOLDING POWER INDUCTOR: WNC0630HPC Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	3.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	LO Inductance (μ H) $\pm 20\%$ @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
WNC0630HPC-R10M-B	0.10	35.0	45.0	0.70	0.85 (打扁)
WNC0630HPC-R68M-B	0.68	15.0	15.0	3.80	4.50
WNC0630HPC-1R0M-B	1.0	14.0	14.0	7.00	8.50
WNC0630HPC-2R2M-B	2.2	11.0	11.0	11.5	13.0
WNC0630HPC-3R3M-B	3.3	9.0	10.0	17.2	19.0
WNC0630HPC-4R7M-B	4.7	7.5	8.0	26.5	30.0
WNC0630HPC-100M-B	10.0	4.5	4.5	63.0	70.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 $\pm 20\%$; 测试频率: 100kHz/1.0 v。

Inductance Tolerance $\pm 20\%$; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 $^{\circ}$ C 环境测试。

All test data is referenced to 25 $^{\circ}$ C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升 ΔT 不超过 40 $^{\circ}$ C。

Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

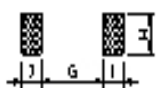
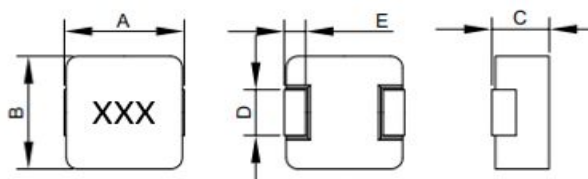
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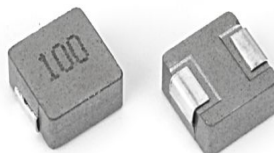
MOLDING POWER INDUCTOR: WNC0640H Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	4.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop30%	DCR(mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0640HP-1R0M-B	1.0	12.0	16.0	5.10	6.20
WNC0640HP-4R7M-B	4.7	6.0	9.0	23.0	26.0
WNC0640HP-100M-B	10.0	4.0	7.0	58.0	68.0
WNC0640HP-150M-B	15.0	3.0	5.0	67.0	77.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 會導致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

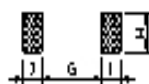
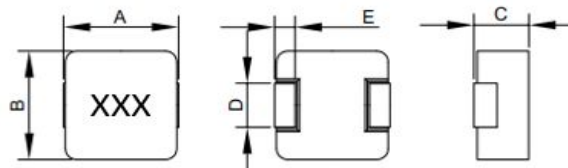


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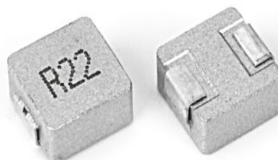
MOLDING POWER INDUCTOR: WNC0640P Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	4.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (µH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0640P-R22M-G/B	0.22	19.0	30.0	2.15	2.60
WNC0640P-R33M-G/B	0.33	18.0	28.0	2.20	2.60
WNC0640P-1R0M-G/B	1.00	12.0	16.0	5.00	6.60
WNC0640P-1R5M-G/B	1.5	10.0	14.0	7.00	8.80
WNC0640P-2R2M-G/B	2.20	9.0	12.0	10.0	13.0
WNC0640P-3R3M-G/B	3.3	8.0	10.0	15.0	18.0
WNC0640P-4R7M-G/B	4.70	6.0	9.0	22.0	26.0
WNC0640P-6R8M-G/B	6.8	5.0	7.0	34.0	40.0
WNC0640P-8R2M-G/B	8.20	4.0	7.0	51.0	61.0
WNC0640P-100M-G/B	10.0	3.5	6.0	51.0	61.0
WNC0640P-150M-G/B	15.00	3.0	5.0	64.0	76.0
WNC0640P-220M-G/B	22.0	2.5	4.0	113.0	130.0
WNC0640P-330M-G/B	33.00	2.0	3.0	166.0	180.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升電流 (A) 會導致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和電流 (A) 會導致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

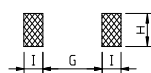
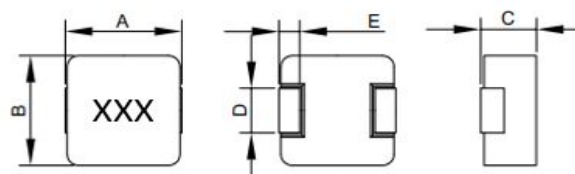
We can design according to customer's request.



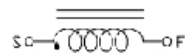
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MOLDING POWER INDUCTOR: WNC0640T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.4MaX
B	6.6±0.2
C	4.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (µH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0640TP-R15M-D/B	0.15	40.0	65.0	0.65	0.80
WNC0640TP-R22M-D/B	0.22	35.0	48.0	0.99	0.98 ± 7%
WNC0640DTP-R22M-D/B	0.22	41.0	50.0	0.81	0.8±5%
WNC0640TP-R33M-D/B	0.33	25.0	35.0	1.80	1.85 ± 10%
WNC0640TP-R56M-D/B	0.56	22.0	30.0	3.50	4.50
WNC0640TP-1R0M-D/B	1.0	14.0	25.0	5.70	7.00
WNC0640TP-2R2M-D/B	2.2	11.0	20.0	11.2	13.5
WNC0640TP-3R3M-G/B	3.3	9.0	16.0	15.0	18.0
WNC0640TP-4R7M-G/B	4.7	8.0	15.0	22.0	26.0
WNC0640TP-5R6M-G/B	5.6	7.0	14.0	29.0	35.0
WNC0640TP-6R8M-G/B	6.8	6.5	13.0	31.0	37.0
WNC0640TP-100M-G/B	10.0	5.0	12.0	59.0	70.0
WNC0640TP-120M-G/B	12.0	4.0	8.0	65.0	80.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

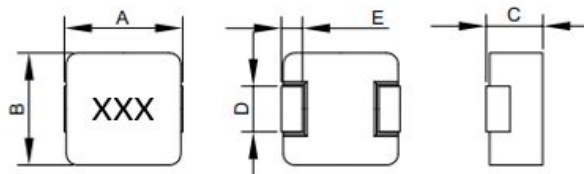


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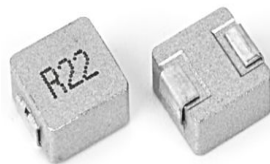
MOLDING POWER INDUCTOR: WNC0650T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	7.6MaX
B	6.6±0.2
C	5.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR(mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0650TP-R47M-G/B	0.47	22.0	30.0	3.20	3.60
WNC0650TP-1R0M-G/B	1.0	15.0	26.0	6.00	7.50
WNC0650TP-2R2M-G/B	2.2	11.0	18.0	9.80	12.0
WNC0650TP-3R3M-G/B	3.3	9.0	17.0	17.5	20.0
WNC0650TP-4R7M-G/B	4.7	7.0	16.0	28.0	32.0
WNC0650TP-5R6M-G/B	5.6	7.0	15.0	29.0	33.0
WNC0650TP-6R8M-G/B	6.8	6.5	13.0	33.5	40.0
WNC0650TP-100M-G/B	10.0	6.0	12.0	47.0	55.0
WNC0650TP-150M-G/B	15.0	5.0	10.0	82.0	93.0
WNC0650TP-220M-G/B	22.0	4.0	7.0	121.0	140.0
WNC0650TP-330M-G/B	33.0	3.0	6.0	145.0	158.0
WNC0650TP-470M-G/B	47.0	2.5	4.0	200.0	225.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

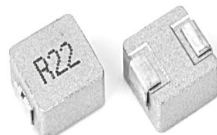
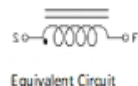
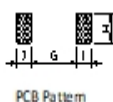
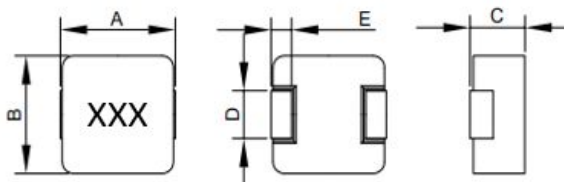
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0650P Series



	UNIT:mm
A	7.6MaX
B	6.6±0.2
C	5.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0650P-R10M-G/B	0.10	35.0	50.0	1.30	1.60
WNC0650P-R22M-G/B	0.22	23.0	35.0	1.60	2.00
WNC0650P-R33M-G/B	0.33	20.0	28.0	2.20	2.80
WNC0650P-R47M-G/B	0.47	19.0	25.0	2.80	3.60
WNC0650P-R56M-G/B	0.56	18.0	22.0	3.40	4.50
WNC0650P-R68M-G/B	0.68	16.0	20.0	4.20	5.30
WNC0650P-R82M-G/B	0.82	14.0	19.0	5.00	6.00
WNC0650P-1R0M-G/B	1.0	12.0	18.0	5.70	6.80
WNC0650P-1R2M-G/B	1.2	11.0	16.0	5.70	6.80
WNC0650P-1R5M-G/B	1.5	10.0	14.0	6.80	8.00
WNC0650P-2R2M-G/B	2.2	9.0	13.0	10.4	12.5
WNC0650P-3R3M-G/B	3.3	7.0	11.0	13.0	15.5
WNC0650P-4R7M-G/B	4.7	6.0	10.0	17.0	20.0
WNC0650P-5R6M-G/B	5.6	5.5	8.5	19.2	23.0
WNC0650P-6R8M-G/B	6.8	5.0	8.0	24.3	28.0
WNC0650P-8R2M-G/B	8.2	4.8	7.5	35.0	41.0
WNC0650P-100M-G/B	10.0	4.5	7.0	35.0	41.0
WNC0650P-120M-G/B	12.0	3.8	6.5	46.5	53.0
WNC0650P-150M-G/B	15.0	3.5	6.0	52.0	62.0
WNC0650P-180M-G/B	18.0	3.0	5.5	75.0	88.0
WNC0650P-220M-G/B	22.0	3.0	5.0	87.0	96.0
WNC0650P-330M-G/B	33.0	2.5	4.0	143.0	155.0
WNC0650P-470M-G/B	47.0	1.8	2.5	190.0	208.0
WNC0650P-560M-G/B	56.0	1.6	2.5	268.0	295.0
WNC0650P-680M-G/B	68.0	1.5	2.0	285.0	310.0
WNC0650P-101M-G/B	100.0	1.2	2.0	400.0	420.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

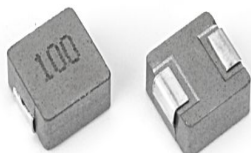
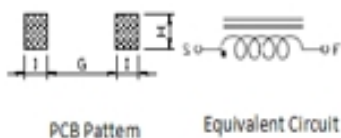
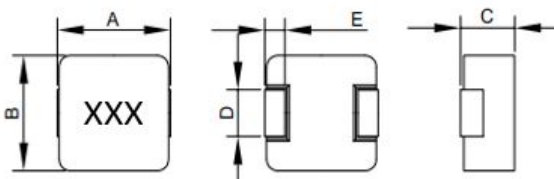
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0650HP Series



	UNIT:mm
A	7.6MaX
B	6.6±0.2
C	5.0Max
D	2.8±0.3打扁
	3.0±0.2
E	1.6±0.3
G	3.7(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0650HP-R47M-B	0.5	20.0	24.0	3.00	3.90
WNC0650HP-1R0M-B	1.0	10.0	16.0	6.00	7.10
WNC0650HP-1R5M-B	1.5	9.5	13.0	7.60	9.00
WNC0650HP-2R2M-B	2.2	9.0	11.0	9.8	15.0
WNC0650HP-3R3M-B	3.3	8.5	10.0	14.0	17.0
WNC0650HP-4R7M-B	4.7	5.0	9.0	20.0	23.0
WNC0650HP-6R8M-B	6.8	4.0	8.5	30.0	35.5
WNC0650HP-220M-B	22.0	3.5	4.5	78.0	89.0

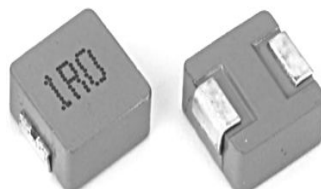
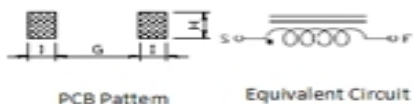
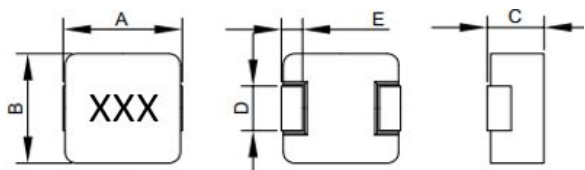
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40℃。
Irms : DC current (A) that will cause an approximateΔT of 40℃
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0750T Series



	UNIT:mm
A	8.5MaX
B	7.0±0.3
C	5.0Max
D	2.8±0.3打扁
	3.0±0.2
E	2.0±0.2
G	3.1(REF)
H	3.3(REF)
I	2.85(REF)

Part Number	L0 Inductance (µH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0750TP-1R5M-D/B	1.50	13.0	21.5	6.00	6.60
WNC0750TP-2R2M-D/B	2.2	12.0	20.0	7.40	8.1
WNC0750TP-3R3M-D/B	3.3	10.4	14.4	11.90	13.09

- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40℃。
I_{rms} : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。
I_{sat} : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.

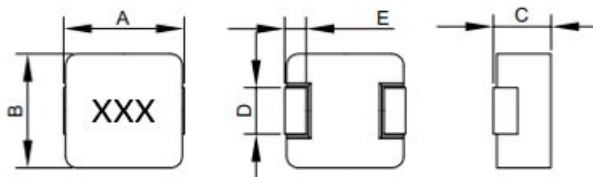


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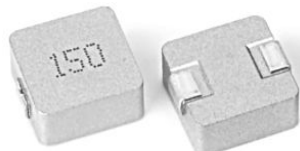
MOLDING POWER INDUCTOR: WNC0830P Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	3.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0830P-1R0M-G/B	1.0	11.0	16.0	5.13	6.50
WNC0830P-1R5M-G/B	1.5	10.0	14.0	6.00	7.20
WNC0830P-1R8M-G/B	1.8	9.5	13.0	13.0	16.0
WNC0830P-2R2M-G/B	2.2	9.0	12.0	13.9	17.0
WNC0830P-3R3M-G/B	3.3	8.0	10.0	16.0	19.0
WNC0830P-100M-G/B	10.0	3.0	5.0	61.5	68.0
WNC0830P-220M-G/B	22.0	2.5	3.5	93.0	105.0

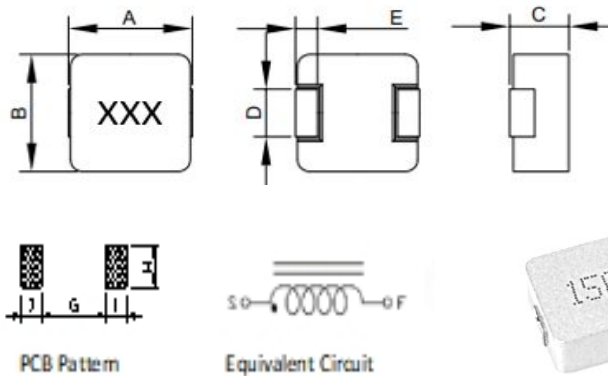
- ※1: 您需要产品，请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A)会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: 加 直流饱和电流(A)会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
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MOLDING POWER INDUCTOR: WNC0830T Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	3.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR(mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0830TP-R22M-G/B	0.22	30.0	70.0	1.50	1.80
WNC0830TP-R33M-G/B	0.33	25.0	47.0	2.20	2.50
WNC0830TP-R47M-G/B	0.47	20.0	36.0	3.10	3.30
WNC0830TP-R68M-G/B	0.68	19.0	32.0	3.30	4.00
WNC0830TP-1R0M-G/B	1.0	16.0	30.0	6.50	8.00
WNC0830TP-1R5M-G/B	1.5	14.0	23.0	6.50	8.00
WNC0830TP-2R2M-G/B	2.2	12.0	18.0	10.5	12.5
WNC0830TP-3R3M-G/B	3.3	10.0	16.0	19.0	23.0
WNC0830TP-4R7M-G/B	4.7	9.0	15.0	31.5	38.0
WNC0830TP-5R6M-G/B	5.6	8.0	13.0	35.0	42.0
WNC0830TP-6R8M-G/B	6.8	7.0	12.0	46.0	53.0
WNC0830TP-8R2M-G/B	8.2	6.5	9.5	49.0	65.0
WNC0830TP-100M-G/B	10.0	6.0	8.0	54.0	65.0
WNC0830TP-330M-G/B	33.0	3.0	5.0	175.0	195.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40℃。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

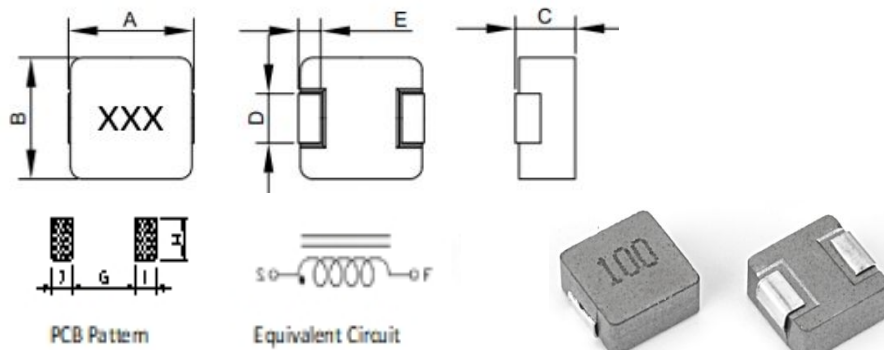


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MOLDING POWER INDUCTOR: WNC0830H Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	3.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0830HP-R22M-B	0.22	36.0	36.0	1.60	2.00
WNC0830HP-1R0M-B	1.0	16.0	22.0	6.50	8.00
WNC0830HP-1R2M-B	1.20	14.0	18.0	6.50	8.00
WNC0830HP-1R5M-B	1.5	12.0	15.0	7.20	9.00
WNC0830HP-2R2M-B	2.20	8.0	13.0	12.8	15.5
WNC0830HP-4R7M-B	4.70	6.0	9.0	31.5	38.0
WNC0830HP-100M-B	10.0	3.0	5.5	48.0	55.0
WNC0830HP-220M-B	22.0	2.5	4.0	120.0	135.0
WNC0830HPC-1R0M-B	1.0	15.0	16.0	5.20	6.50

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

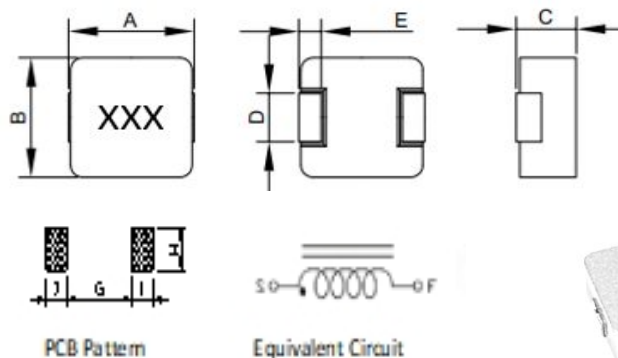


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MOLDING POWER INDUCTOR: WNC0840P Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25℃)	MAX. (25℃)
WNC0840P-R22M-G/B	0.22	25.0	35.0	0.80	1.00
WNC0840P-R33M-G/B	0.33	23.0	30.0	2.10	2.50
WNC0840P-1R0M-G/B	1.00	13.0	18.0	3.80	4.50
WNC0840P-1R5M-G/B	1.50	12.0	16.0	6.40	8.00
WNC0840P-2R2M-G/B	2.20	10.0	15.0	7.30	9.00
WNC0840P-4R7M-G/B	4.70	8.0	11.5	16.50	19.00
WNC0840P-6R8M-G/B	6.80	6.0	10.0	24.00	27.00
WNC0840P-8R2M-G/B	8.20	5.0	8.0	40.00	48.00
WNC0840P-100M-G/B	10.00	5.0	7.0	40.00	48.00
WNC0840P-220M-G/B	22.00	3.0	5.0	103.00	115.00
WNC0840P-330M-G/B	33.00	2.5	4.0	154.00	168.00
WNC0840P-470M-G/B	47.00	2.0	3.5	179.00	200.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

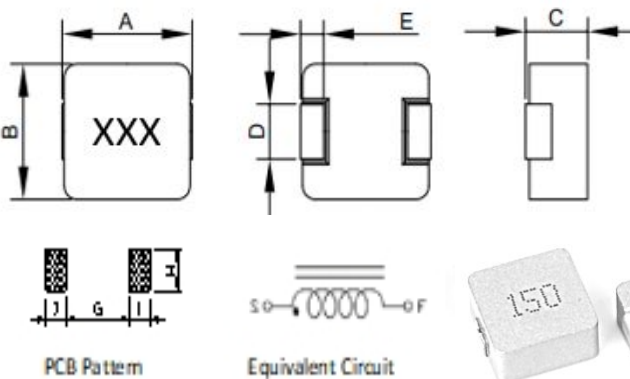
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0840T Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0840TP-R22M-G/B	0.22	34.0	60.0	1.10	1.35
WNC0840TP-R33M-G/B	0.33	27.5	55.0	1.90	2.20
WNC0840TP-R47M-G/B	0.47	25.0	35.0	1.92	2.38
WNC0840TP-R68M-G/B	0.68	22.0	32.0	2.97	3.22
WNC0840TP-R82M-G/B	0.82	20.0	30.0	3.00	3.80
WNC0840TP-1R0M-G/B	1.0	18.2	27.0	3.96	4.63
WNC0840TP-1R5M-G/B	1.5	17.0	24.0	5.30	6.50
WNC0840TP-2R2M-G/B	2.2	14.5	22.0	8.80	9.41
WNC0840TP-3R3M-G/B	3.3	11.0	20.0	16.00	17.70
WNC0840TP4R7M-G/B	4.7	7.2	14.5	20.20	22.60
WNC0840TP-8R2M-G/B	8.2	6.0	11.0	40.50	48.00
WNC0840TP-100M-G/B	10.0	6.0	10.0	48.00	55.00
WNC0840TP-150M-G/B	15.0	5.0	8.0	60.00	68.00
WNC0840TP-220M-G/B	22.0	4.0	7.0	102.00	110.20
WNC0840TP-470M-G/B	47.0	3.0	5.5	191.00	205.00

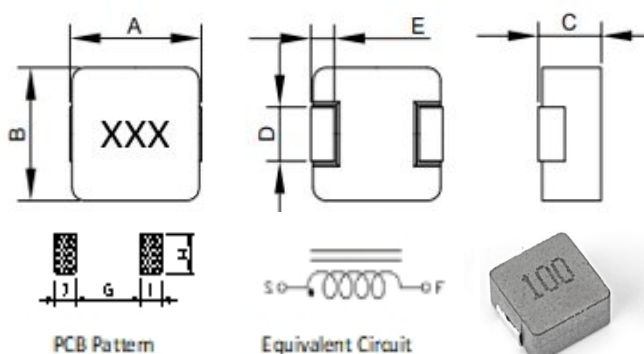
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC0840H Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0840HP-R10M-B	0.10	40.0	80.0	0.70	0.90
WNC0840HP-R22M-B	0.22	30.0	55.0	1.10	1.35
WNC0840HP-R33M-B	0.33	22.0	35.0	1.50	1.80
WNC0840HP-R47M-B	0.47	18.0	23.0	2.30	2.80
WNC0840HP-R68M-B	0.68	17.0	22.0	3.50	4.20
WNC0840HP-R82M-B	0.82	15.0	20.0	3.00	3.60
WNC0840HP-1R0M-B	1.0	14.0	18.0	4.60	5.50
WNC0840HP-2R2M-B	2.2	12.0	17.0	10.0	12.5
WNC0840HP-3R3M-B	3.3	8.0	15.0	16.0	19.0
WNC0840HP-5R6M-B	5.6	7.0	11.0	24.0	28.0
WNC0840HP-6R8M-B	6.8	6.0	9.0	32.0	37.0
WNC0840HP-8R2M-B	8.2	5.5	8.5	45.0	52.0
WNC0840HP-100M-B	10.0	5.0	8.0	52.0	60.0
WNC0840HP-150M-B	15.0	4.0	6.0	64.0	73.0
WNC0840HP-220M-B	22.0	3.0	5.0	102.0	115.0
WNC0840HP-330M-B	33.0	2.5	4.0	140.0	160.0
WNC0840HP-470M-B	47.0	2.0	3.5	200.0	230.0
WNC0840HPC-1R0M-B	1.0	15.0	18.0	3.80	4.50

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

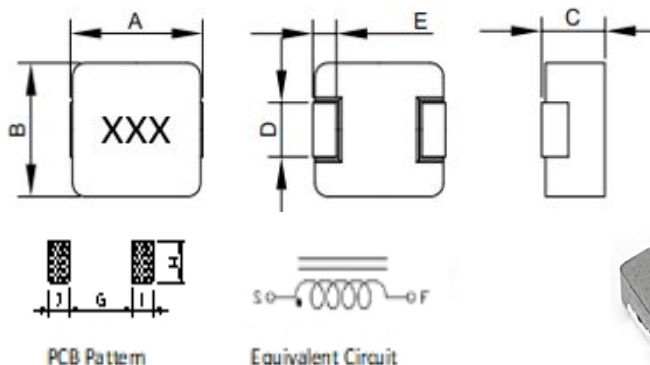


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MOLDING POWER INDUCTOR: WNC0850H Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	5.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0850HP-1R0M-B	1.0	18.0	24.0	4.50	5.60
WNC0850HP-1R2M-B	1.2	16.0	19.0	4.50	5.60
WNC0850HP-1R5M-B	1.5	14.0	17.0	6.20	7.80
WNC0850HP-2R2M-B	2.2	12.0	16.0	8.5	10.0
WNC0850HP-3R3M-B	3.3	10.0	15.0	10.8	13.5
WNC0850HP-6R8M-B	6.8	8.0	12.0	27.0	31.0
WNC0850HP-220M-B	22.0	4.5	7.0	85.0	95.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

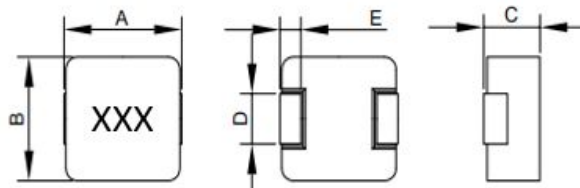


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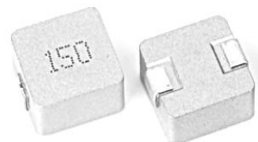
MOLDING POWER INDUCTOR: WNC0850T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	5.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0850TP-R15M-G/B	0.15	45.0	80.0	0.55	0.65
WNC0850TP-R22M-G/B	0.22	35.0	55.0	0.80	1.00
WNC0850TP-1R0M-G/B	1.0	20.0	30.0	4.70	5.50
WNC0850TP-1R5M-G/B	1.5	17.0	28.0	6.10	7.00
WNC0850TP-2R2M-G/B	2.2	15.0	24.0	9.4	12.0
WNC0850TP-4R7M-G/B	4.7	11.0	22.0	16.5	19.0
WNC0850TP-6R8M-G/B	6.8	10.0	18.0	26.5	31.0
WNC0850TP-100M-G/B	10.0	8.0	16.0	41.0	47.0
WNC0850TP-220M-G/B	22.0	5.0	10.0	81.0	95.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 會導致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和電流(A) 會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

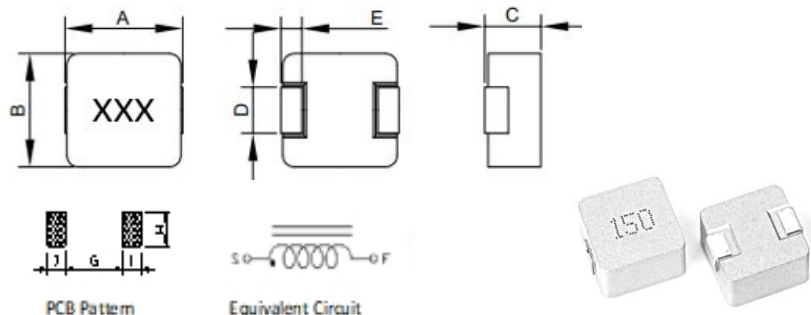
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MOLDING POWER INDUCTOR: WNC0850P Series



	UNIT:mm
A	9.2Max
B	8.0±0.3
C	5.0Max
D	2.8±0.3 打扁
	3.0±0.2
E	1.8±0.3
G	4.8(REF)
H	3.5(REF)
I	2.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC0850P-R22M-G/B	0.22	20.0	35.0	0.90	1.20
WNC0850P-R68M-G/B	0.68	16.0	22.0	3.50	4.20
WNC0850P-R82M-G/B	0.82	15.0	20.0	4.00	4.80
WNC0850P-1R0M-G/B	1.0	14.0	19.0	4.10	4.80
WNC0850P-1R5M-G/B	1.5	13.0	18.0	5.50	6.50
WNC0850P-2R2M-G/B	2.2	11.0	17.0	7.50	9.00
WNC0850P-3R3M-G/B	3.3	10.0	15.0	10.0	12.5
WNC0850P-4R7M-G/B	4.7	9.0	13.0	16.5	19.0
WNC0850P-5R6M-G/B	5.6	8.0	12.0	19.8	23.5
WNC0850P-6R8M-G/B	6.8	7.0	11.0	21.0	25.0
WNC0850P-8R2M-G/B	8.2	6.0	10.0	30.0	36.0
WNC0850P-100M-G/B	10.0	5.5	9.0	31.0	37.0
WNC0850P-150M-G/B	15.0	5.0	8.0	52.0	60.0
WNC0850P-220M-G/B	22.0	4.0	7.0	69.0	79.0
WNC0850P-330M-G/B	33.0	3.5	5.0	122.0	135.0
WNC0850P-470M-G/B	47.0	3.0	4.0	151.0	165.0
WNC0850P-560M-G/B	56.0	2.0	3.0	161.0	176.0
WNC0850P-680M-G/B	68.0	1.8	2.5	188.0	206.0
WNC0850P-101M-G/B	100.0	1.5	2.0	285.0	310.0
WNC0850P-151M-G/B	150.0	1.2	1.8	402.0	430.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

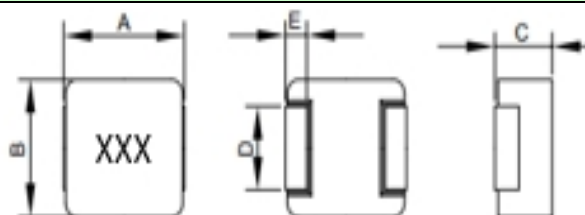
We can design according to customer's request.



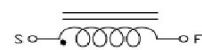
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MOLDING POWER INDUCTOR: WNC090830T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	9.7±0.5
B	8.5 Max
C	3.0 Max
D	5.0±0.5
E	1.5±0.5
G	4.82(REF)
H	5.33(REF)
I	2.41(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC090830TP-R22M-D/B	0.22	28.00	45.00	1.43	1.61
WNC090830TP-R33M-D/B	0.33	16.50	39.00	2.18	2.57
WNC090830TP-R47M-D/B	0.47	16.00	34.00	2.85	3.33
WNC090830TP-R68M-D/B	0.68	15.00	32.50	3.40	3.99
WNC090830TP-R82M-D/B	0.82	14.00	30.50	4.20	4.87
WNC090830TP-1R0M-D/B	1.00	13.00	25.00	6.20	8.35
WNC090830TP-1R5M-D/B	1.50	11.00	21.00	11.30	13.30
WNC090830TP-2R2M-D/B	2.20	9.00	15.50	17.30	20.30
WNC090830TP-3R3M-D/B	3.30	7.50	12.50	23.30	27.40
WNC090830TP-4R7M-D/B	4.70	7.00	12.00	29.00	34.20
WNC090830TP-5R6M-D/B	5.60	6.30	10.20	31.60	37.20
WNC090830TP-6R8M-D/B	6.80	5.10	10.00	42.00	49.30
WNC090830TP-8R2M-D/B	8.20	4.30	9.70	50.40	59.30
WNC090830TP-100M-D/B	10.00	4.50	9.50	57.50	71.20
WNC090830TP-150M-D/B	15.0	3.80	7.00	78.00	85.30

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

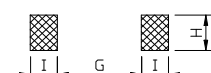
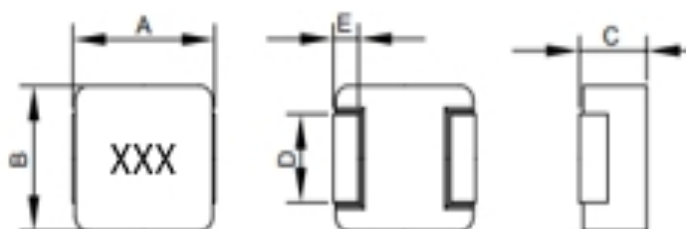
We can design according to customer's request.



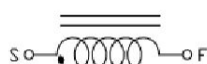
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MOLDING POWER INDUCTOR: WNC090840T Series



PCB Pattern



Equivalent Circuit



	UNIT: mm
A	9.7 ± 0.5
B	8.5Max
C	4.0Max
D	3.0 ± 0.5 (打扁)
	5.0 ± 0.5
E	1.5 ± 0.5
G	4.82 (REF)
H	3.7 (REF) 打扁
	5.33 (REF)
I	2.41 (REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC090840TP-R22M-D/B	0.22	22.5	52.0	1.16	1.35
WNC090840TP-R33M-D/B	0.33	18.5	40.0	1.95	2.15
WNC090840TP-R47M-D/B	0.47	18.0	38.0	2.10	2.38
WNC090840TP-R68M-D/B	0.68	15.0	26.0	2.75	3.22
WNC090840TP-R82M-D/B	0.82	14.5	25.0	3.30	3.88
WNC090840TP-1R0M-D/B	1.0	14.0	24.0	3.95	4.63
WNC090840TP-1R5M-D/B	2.2	13.5	23.0	5.95	7.00
WNC090840TP-2R2M-D/B	2.2	10.0	19.0	8.00	9.41
WNC090840TP-3R3M-D/B	3.3	9.8	17.0	12.50	14.90
WNC090840TP-4R7M-D/B	4.7	9.5	14.5	19.80	22.60
WNC090840TP-6R8M-D/B	6.8	9.0	12.0	29.00	33.20
WNC090840TP-8R2M-D/B	8.2	8.5	11.0	39.50	45.00
WNC090840TP-100M-D/B	10.0	8.0	10.5	45.50	51.80
WNC090840TP-150M-D/B	15.0	5.0	10.0	61.00	72.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流升温电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

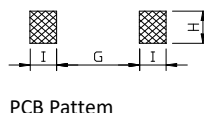
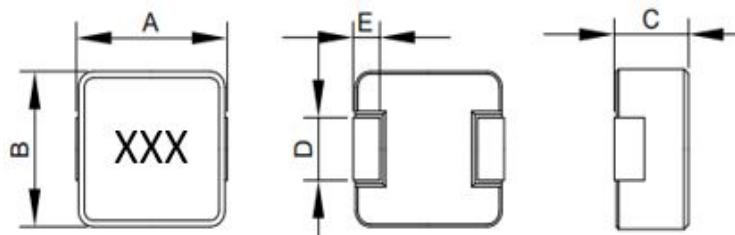
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1030Y Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	3.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance ±20%@(0A) (μH)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1030Y-R12M-G/B	0.12	40.0	62.0	0.60	0.78
WNC1030Y-R22M-G/B	0.22	24.0	40.0	0.80	1.05
WNC1030Y-R36M-G/B	0.36	20.0	35.0	1.10	1.40
WNC1030Y-R56M-G/B	0.56	18.0	30.0	2.60	3.30
WNC1030Y-R68M-G/B	0.68	16.0	20.0	2.60	3.30
WNC1030Y-1R0M-G/B	1.0	9.0	16.0	4.50	5.50
WNC1030Y-2R2M-G/B	2.2	7.0	11.0	11.0	13.5
WNC1030Y-3R3M-G/B	3.3	6.0	10.0	13.0	16.0
WNC1030Y-4R7M-G/B	4.7	5.5	8.0	19.0	23.0
WNC1030Y-6R8M-G/B	6.8	5.0	7.5	24.0	28.0
WNC1030Y-8R2M-G/B	8.2	4.5	7.0	44.0	50.0
WNC1030Y-100M-G/B	10.0	4.0	6.0	58.0	66.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

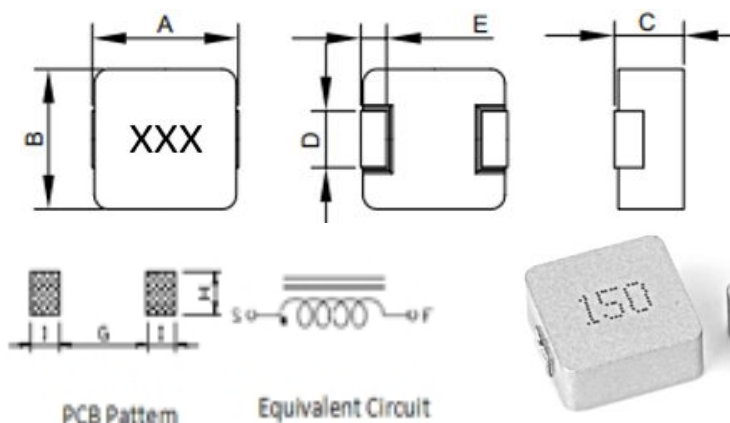


萬磁科技

广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1030T Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	3.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1030TP-R36M-G/B	0.36	25.0	55.0	1.30	1.50
WNC1030TP-1R0M-G/B	1.0	18.0	33.0	6.60	8.00
WNC1030TP-1R2M-G/B	1.2	17.0	32.0	6.60	8.00
WNC1030TP-1R5M-G/B	1.5	14.0	26.0	7.80	9.80
WNC1030TP-2R2M-G/B	2.2	12.0	20.0	9.0	11.0
WNC1030TP-3R3M-G/B	3.3	9.0	16.0	14.0	17.0
WNC1030TP-4R7M-G/B	4.7	8.0	15.0	16.5	19.5
WNC1030TP-6R8M-G/B	6.8	7.0	12.0	32.5	38.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

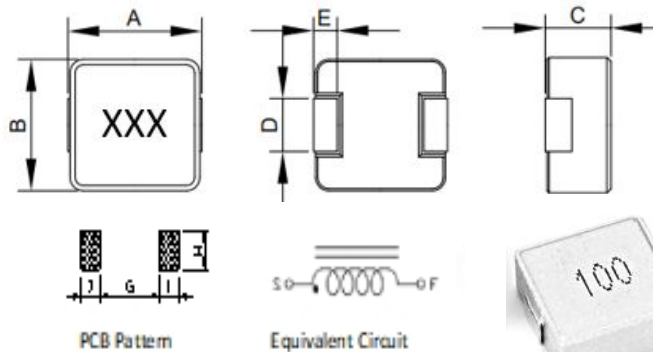
We can design according to customer's request.



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1040Y/1045Y Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	4.0Max (WNC1040) 4.5Max (WNC1045)
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1040Y-R15M-G/B	0.15	40.0	60.0	0.55	0.75
WNC1040Y-R22M-G/B	0.22	30.0	48.0	0.60	0.80
WNC1040Y-R33M-G/B	0.33	28.0	45.0	1.00	1.30
WNC1040Y-R36M-G/B	0.36	25.0	40.0	1.00	1.30
WNC1040Y-R47M-G/B	0.47	21.0	35.0	1.10	1.40
WNC1040Y-R56M-G/B	0.56	19.0	32.0	1.60	2.00
WNC1040Y-R68M-G/B	0.68	18.0	26.0	1.60	2.00
WNC1040Y-R82M-G/B	0.82	16.0	24.0	2.10	2.50
WNC1040Y-1R0M-G/B	1.0	14.0	22.0	2.10	2.50
WNC1040Y-1R5M-G/B	1.5	12.0	20.0	4.30	5.20
WNC1040Y-2R2M-G/B	2.2	10.0	18.0	6.10	8.00
WNC1040Y-3R3M-G/B	3.3	9.0	16.0	9.4	11.5
WNC1040Y-4R7M-G/B	4.7	8.0	13.0	12.0	14.5
WNC1040Y-5R6M-G/B	5.6	7.0	12.0	16.0	19.0
WNC1040Y-6R8M-G/B	6.8	6.0	10.0	18.0	21.0
WNC1040Y-8R2M-G/B	8.2	5.5	9.0	28.0	32.0
WNC1040Y-100M-G/B	10.0	5.0	8.0	31.0	36.0
WNC1040Y-150M-G/B	15.0	4.0	7.0	51.0	60.0
WNC1040Y-220M-G/B	22.0	3.5	6.0	58.0	65.0
WNC1040Y-330M-G/B	33.0	3.0	5.0	88.0	100.0
WNC1040Y-470M-G/B	47.0	2.0	3.5	132.0	145.0
WNC1045Y-100M-G/B	10.0	6.0	9.0	24.0	27.0
WNC1045Y-150M-G/B	15.0	5.5	8.0	37.0	42.0
WNC1045Y-220M-G/B	22.0	5.0	7.0	60.0	70.0
WNC1045Y-330M-G/B	33.0	4.0	6.0	85.0	96.0
WNC1045Y-470M-G/B	47.0	3.0	5.0	134.0	147.0
WNC1045Y-680M-G/B	68.0	2.5	4.5	194.0	210.0
WNC1045Y-820M-G/B	82.0	2.0	4.0	223.0	245.0
WNC1045Y-101M-G/B	100.0	1.5	3.0	242.0	265.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

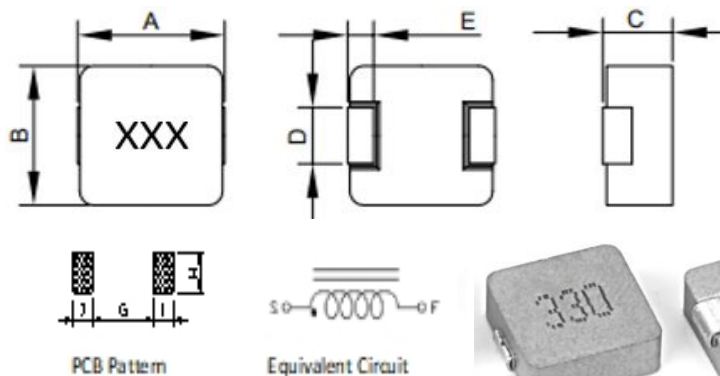


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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1040H Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1040HP-R15M-B	0.15	45.0	70.0	0.47	0.55
WNC1040HP-R22M-B	0.22	35.0	60.0	0.55	1.00
WNC1040HP-R33M-B	0.33	30.0	46.0	1.10	1.30
WNC1040HP-R47M-B	0.47	28.0	40.0	1.10	1.30
WNC1040HP-R68M-B	0.68	23.0	32.0	1.60	1.90
WNC1040HP-1R0M-B	1.0	16.0	26.0	2.60	3.00
WNC1040HP-1R2M-B	1.2	15.0	24.0	4.30	5.20
WNC1040HP-1R5M-B	1.5	15.0	22.0	4.30	5.20
WNC1040HP-2R2M-B	2.2	13.0	18.0	6.6	8.0
WNC1040HP-3R3M-B	3.3	12.0	16.0	10.3	12.5
WNC1040DHP-3R3M-B	3.3	15.0	15.0	9.0	11.00
WNC1040HP-4R7M-B	4.7	10.0	14.0	17.0	20.0
WNC1040HP-5R6M-B	5.6	9.0	12.5	19.0	22.0
WNC1040HP-6R8M-B	6.8	8.5	12.0	20.5	25.0
WNC1040HP-8R2M-B	8.2	8.0	10.0	26.0	30.0
WNC1040HP-100M-B	10.0	7.5	9.0	30.5	36.0
WNC1040HP-150M-B	15.0	6.5	7.0	42.0	48.0
WNC1040HP-220M-B	22.0	5.2	6.0	58.0	65.0
WNC1040HP-330M-B	33.0	4.0	5.0	84.0	92.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

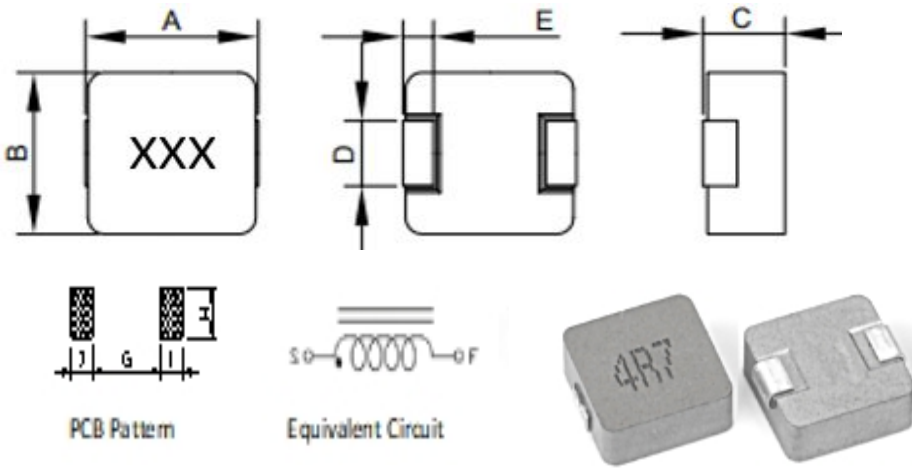
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MOLDING POWER INDUCTOR: WNC1040HPC Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1040HPC-1R0M-B	1.00	16.0	26.0	2.90	4.00
WNC1040HPC-2R2M-B	2.2	15.0	18.0	5.80	7.00
WNC1040HPC-3R3M-B	3.30	13.0	15.0	9.00	11.00
WNC1040HPC-4R7M-B	4.7	10.0	14.0	11.50	13.50
WNC1040HPC-100M-B	10.00	8.0	10.0	28.00	32.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升電流 (A) 會導致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和電流 (A) 會導致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

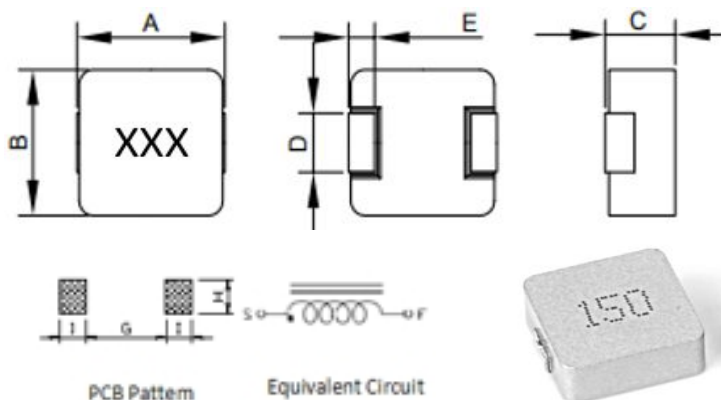
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1040T Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	4.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 20%	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
					TYP. (25℃)	MAX. (25℃)
WNC1040TP-R19M-G/B	0.19	40.0	90.0	100.0	0.79	0.95
WNC1040TP-R22M-G/B	0.22	36.0		80.0	0.65	0.80
WNC1040TP-R33M-G/B	0.33	32.0	63.0	70.0	1.05	1.30
WNC1040TP-R36M-G/B	0.36	31.0	60.0	65.0	1.10	1.35
WNC1040TP-R47M-G/B	0.47	30.0	52.0	60.0	1.15	1.40
WNC1040TP-R56M-G/B	0.56	28.0	49.0	55.0	1.65	2.00
WNC1040TP-R68M-G/B	0.68	25.0		50.0	2.20	2.60
WNC1040TP-R82M-G/B	0.82	24.0		41.0	2.10	2.50
WNC1040TP-1R0M-G/B	1.0	22.0	36.0	40.0	2.15	2.50
WNC1040TP-1R2M-G/B	1.2	20.0		35.0	2.85	3.50
WNC1040TP-1R5M-G/B	1.5	18.0	27.5	30.0	4.30	5.20
WNC1040TP-2R2M-G/B	2.2	16.0		28.0	5.30	6.50
WNC1040TP-3R3M-G/B	3.3	14.0	20.0	25.0	10.30	13.00
WNC1040TP-4R7M-G/B	4.7	12.0		20.0	15.30	18.00
WNC1040TP-5R6M-G/B	5.6	10.0		16.0	15.50	18.50
WNC1040TP-6R8M-G/B	6.8	9.0	13.5	15.0	21.50	26.00
WNC1040TP-8R2M-G/B	8.2	8.0		14.0	30.00	36.00
WNC1040TP-100M-G/B	10	7.0		13.0	32.00	38.00
WNC1040TP-220M-G/B	22	5.0		9.0	58.00	65.00
WNC1040TP-330M-G/B	33	4.5		7.5	105.00	118.00
WNC1040TP-470M-G/B	47	3.6		5.5	129.00	145.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

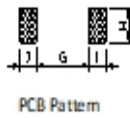
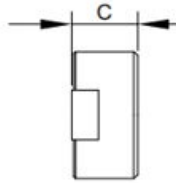
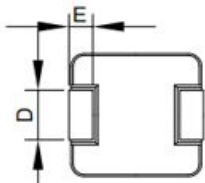
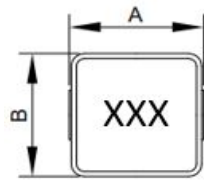
We can design according to customer's request.



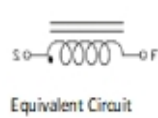
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MOLDING POWER INDUCTOR: WNC1050Y Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	5.0Max
D	2.8 ± 0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1050Y-R36M-G/B	0.36	36.0	52.0	0.80	1.05
WNC1050Y-R68M-G/B	0.68	20.0	35.0	1.60	1.90
WNC1050Y-R82M-G/B	0.82	18.0	30.0	2.10	2.50
WNC1050Y-1R0M-G/B	1.00	16.0	28.0	2.10	2.50
WNC1050Y-1R2M-G/B	1.20	15.0	25.0	2.30	2.80
WNC1050Y-1R5M-G/B	1.50	13.0	22.0	3.20	3.80
WNC1050Y-2R2M-G/B	2.20	11.0	20.0	5.00	6.00
WNC1050Y-3R3M-G/B	3.30	10.0	15.0	5.80	7.00
WNC1050Y-4R7M-G/B	4.70	9.0	15.0	9.7	12.0
WNC1050Y-5R6M-G/B	5.60	8.5	14.0	13.5	16.0
WNC1050Y-6R8M-G/B	6.80	8.0	13.0	14.5	17.0
WNC1050Y-8R2M-G/B	8.20	7.0	12.0	23.0	27.0
WNC1050Y-100M-G/B	10.0	6.5	11.0	24.5	28.0
WNC1050Y-150M-G/B	15.0	6.0	10.0	37.0	42.0
WNC1050Y-220M-G/B	22.0	5.0	8.0	58.0	65.0
WNC1050Y-330M-G/B	33.0	4.5	6.0	85.0	95.0
WNC1050Y-470M-G/B	47.0	4.0	5.5	136.0	152.0
WNC1050Y-680M-G/B	68.0	3.0	5.0	198.0	215.0
WNC1050Y-820M-G/B	82.0	2.5	4.5	220.0	240.0
WNC1050Y-101M-G/B	100.0	2.2	4.0	230.0	250.0
WNC1050Y-151M-G/B	150.0	2.0	3.5	394.0	425.0
WNC1050Y-181M-G/B	180.0	1.8	2.8	420.0	460.0
WNC1050Y-201M-G/B	200.0	1.5	2.5	435.0	470.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

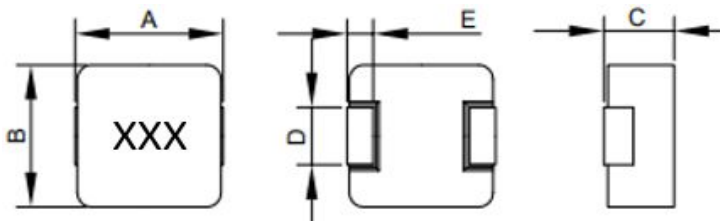


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MOLDING POWER INDUCTOR: WNC1050T Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	5.0Max
D	2.8±0.3 打扁
	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1050TP-R36M-G/B	0.36	33.0	80.0	0.78	1.00
WNC1050TP-R47M-G/B	0.47	32.0	70.0	1.10	1.40
WNC1050TP-R56M-G/B	0.56	30.0	55.0	1.30	1.60
WNC1050TP-R68M-G/B	0.68	28.0	50.0	1.30	1.60
WNC1050TP-1R0M-G/B	1.00	24.0	45.0	2.10	2.50
WNC1050TP-1R5M-G/B	1.50	20.0	42.0	2.96	3.60
WNC1050TP-2R2M-G/B	2.20	18.0	40.0	6.0	7.10
WNC1050TP-3R3M-G/B	3.30	14.0	30.0	7.8	10.0
WNC1050TP-4R7M-G/B	4.70	13.0	23.0	9.8	12.0
WNC1050TP-5R6M-G/B	5.60	11.0	20.0	11.5	14.0
WNC1050TP-6R8M-G/B	6.80	10.0	19.0	14.8	18.0
WNC1050TP-8R2M-G/B	8.20	9.0	18.0	23.0	27.0
WNC1050TP-100M-G/B	10.00	8.0	16.0	26.0	28.0
WNC1050TP-150M-G/B	15.00	6.0	11.0	45.0	53.0
WNC1050TP-220M-G/B	22.00	5.0	10.0	45.0	53.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

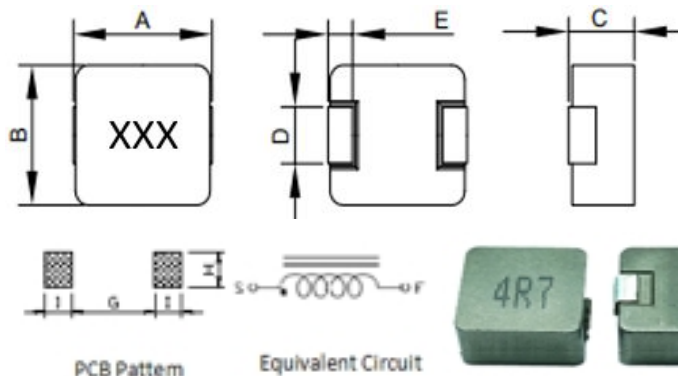
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1060 Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	6.0Max
D	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1060TP-3R3M-DB	3.3	16.0	25.0	5.30	6.30
WNC1060TP-6R8M-DB	6.8	12.0	20.0	12.3	15.0
WNC1060TP-100M-DB	10.0	10.0	18.0	17.30	20.0
WNC1060HP-330M-B	33.0	4.0	5.5	68.00	78.0
WNC1060HP-470M-B	47.0	3.5	5.0	104.0	116.0
WNC1060P-220M-GB	22.0	6.0	10.0	50.00	58.0

- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



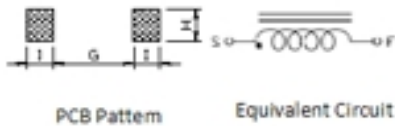
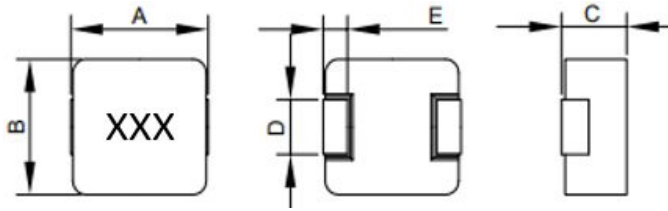
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uang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1080TP/HP/P Series



	UNIT:mm
A	10.5±1
B	10.3±0.3
C	8.0Max
D	3.0±0.3
E	2.0±0.5
G	6.0(REF)
H	4.0(REF)
I	3.5(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (MΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1080TP-2R2M-G/B	2.2	18.0	23.0	4.40	5.30
WNC1080TP-4R7M-G/B	4.7	16.0	18A Drop 40%	7.30	8.50
WNC1080TP-100M-G/B	10.0	11.0	19.0	16.5	20.0
WNC1080TP-150M-G/B	15.0	10.0	16.0	25.50	32.00
WNC1080TP-220M-G/B	22.0	9.0	14.0	31.0	37.0
WNC1080TP-330M-G/B	33.0	7.0	12.0	57.50	65.00
WNC1080TP-470M-G/B	47.0	5.0	10.0	81.0	90.0
WNC1080TP-680M-G/B	68.0	4.0	8.0	112.00	123.00
WNC1080HP-220M-B	22.0	7.0	10.0	34.50	41.00
WNC1080P-3R3M-G/B	3.3	16.6	16.0	5.70	6.50
WNC1080P-4R7M-G/B	4.7	13.5	10.2	8.8	10.1
WNC1080P-6R8M-G/B	6.8	11.5	14.0	13.00	14.00
WNC1080P-220M-G/B	22.0	7.0	9.5	33.0	38.0
WNC1080P-470M-G/B	47.0	5.0	7.0	79.00	86.00

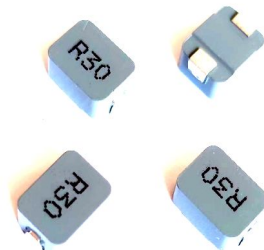
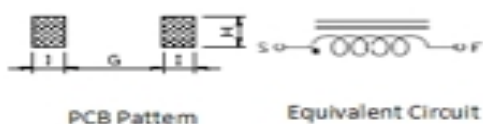
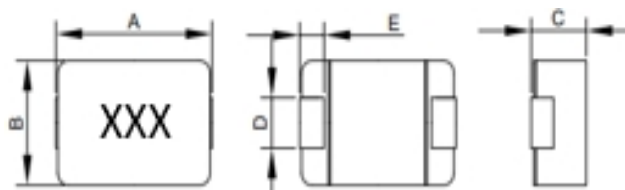
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC105840T Series



	UNIT:mm
A	10.2±0.3
B	5.6±0.2
C	4.0Max
D	2.8±0.5
E	2.2±0.5
G	4.8(REF)
H	3.5(REF)
I	3.0(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC105840TP-R10M-D/B	0.10	45.0	125.0		0.6±7%
WNC105840TP-R12M-D/B	0.12	45.0	120.0		0.6±7%
WNC105840TP-R15M-D/B	0.15	45.0	100.0		0.6±7%
WNC105840TP-R22M-D/B	0.22	35.0	80.0		0.88±7%
WNC105840TP-R36M-D/B	0.36	24.0	60.0		1.3±7%

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

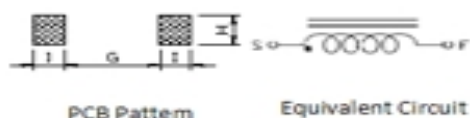
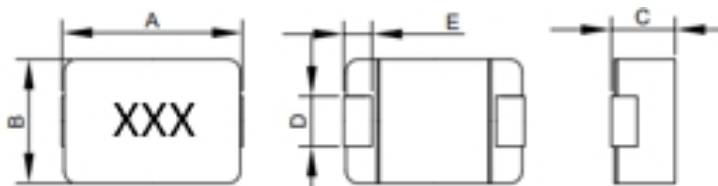


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MOLDING POWER INDUCTOR: WNC108040HP/TP Series



	UNIT:mm
A	11.05 ± 0.55
B	8.05Max
C	4.0Max
D	2.7 ± 0.5
E	2.5 ± 0.5
G	6.0(REF)
H	5.5(REF)
I	3.0(REF)

Part Number	LO Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC108040HP-R15M-B	0.15	41.0	80.0	0.63	0.63 ± 10%
WNC108040HP-R30M-B	0.30	33.0	60.0	1.06	1.05 ± 10%
WNC108040TP-R68M-D/B	0.68	20.0	45.0	2.10	2.5

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A)會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

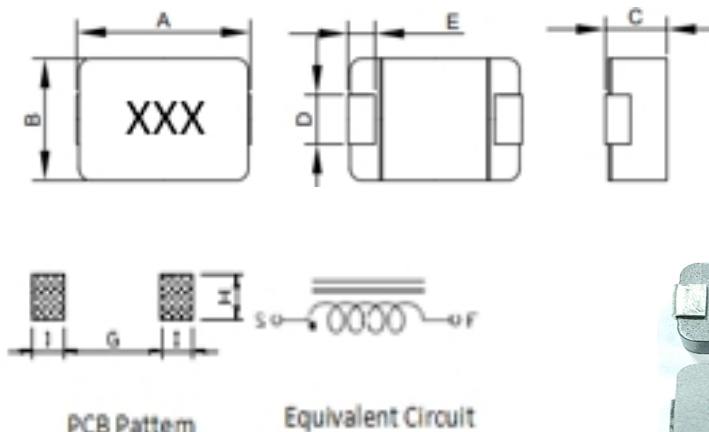
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC108050HP/TP Series



	UNIT:mm
A	11.05 ± 0.55
B	8.05Max
C	5.0Max.
D	2.7 ± 0.5
E	2.5±0.5
G	6.0(REF)
H	5.5(REF)
I	3.0(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC108050HP-R15M-B	0.15	43.0	85.0	0.60	0.63 ± 10%
WNC108050HP-R22M-B	0.22	40.0	70.0	0.77	0.75 ± 10%
WNC108050HP-R33M-B	0.33	36.0	45.0	0.84	0.82 ± 10%
WNC108050HP-R68M-B	0.68	26.0	35.0	1.66	2.00
WNC108050TP-1R0M-D/B	1.00	12.0	22.0	1.67	1.80
WNC108050TP-R30M-D/B	0.30	45.0	80A Drop25%	0.98	1.05±10%

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

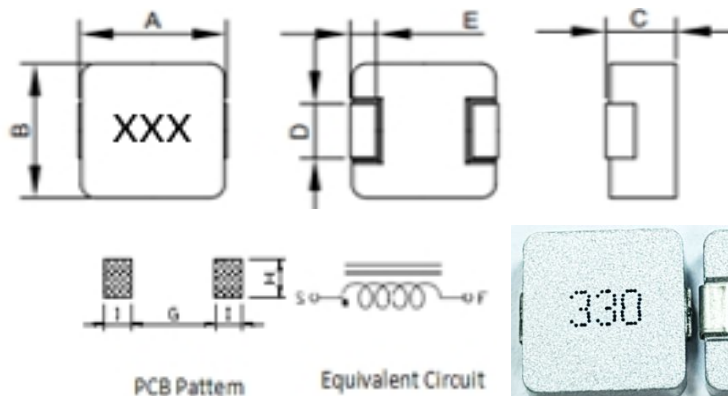
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1235TP Series



	UNIT:mm
A	13.2 ± 1.0
B	12.6 ± 0.3
C	3.5Max
D	3.5 ± 0.3 打扁
	3.8 ± 0.3
E	2.5 ± 0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1235TP-R10M-G/B	0.10	48.0	90.0	0.78	0.96
WNC1235TP-R15M-G/B	0.15	46.0	80.0	0.65	0.85
WNC1235TP-R22M-G/B	0.22	44.0	75.0	0.65	0.85
WNC1235TP-R33M-G/B	0.33	35.0	70.0	1.10	1.40
WNC1235TP-R47M-G/B	0.47	33.0	52.0	1.10	1.40
WNC1235TP-R68M-G/B	0.68	28.0	52.0	2.10	2.50
WNC1235TP-R82M-G/B	0.82	23.0	48.0	2.50	3.50
WNC1235TP-1R0M-G/B	1.00	20.0	43.0	2.60	3.50
WNC1235TP-1R5M-G/B	1.50	19.0	40.0	4.70	5.50
WNC1235TP-2R2M-G/B	2.20	16.0	32.0	7.60	9.00
WNC1235TP-3R3M-G/B	3.30	13.0	28.0	11.0	13.5
WNC1235TP-4R7M-G/B	4.70	11.0	22.0	13.0	15.0
WNC1235TP-5R6M-G/B	5.60	10.0	20.0	19.2	23.0
WNC1235TP-6R8M-G/B	6.80	9.0	16.0	20.0	25.0
WNC1235TP-8R2M-G/B	8.20	8.5	15.0	26.0	32.0
WNC1235TP-100M-G/B	10.00	7.0	14.0	29.5	34.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



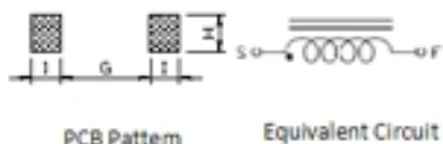
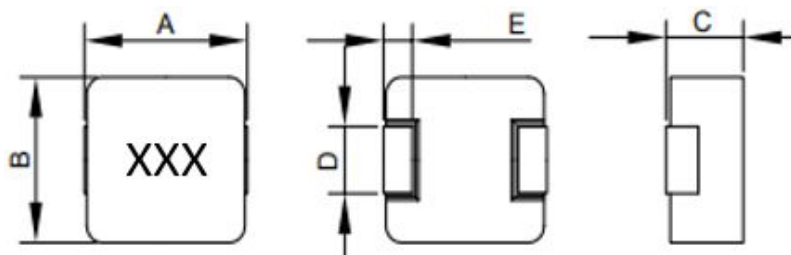
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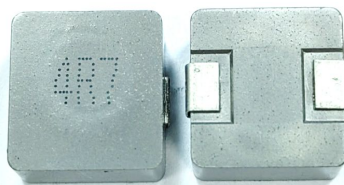


MOLDING POWER INDUCTOR: WNC1235HP Series



PCB Pattern

Equivalent Circuit



	UNIT:mm
A	13.2 ± 1.0
B	12.6 ± 0.3
C	3.5Max
D	3.5 ± 0.3 打扁
	3.8 ± 0.3
E	2.5 ± 0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1235HP-R68M-B	0.68	25.0	35.0	2.00	2.60
WNC1235HP-R82M-B	0.82	20.0	30.0	2.60	3.30
WNC1235HP-1R0M-B	1.0	18.0	28.0	2.60	3.30
WNC1235HP-4R7M-B	4.7	8.0	12.0	15.7	18.5
WNC1235HP-6R8M-B	6.8	7.0	10.0	20.5	25.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

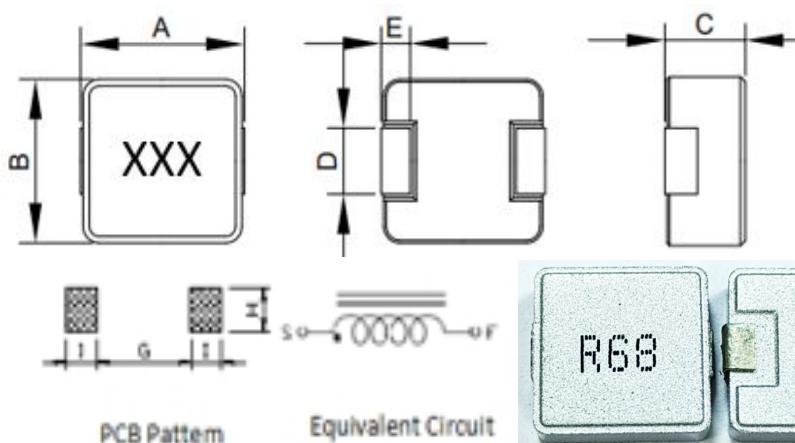


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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1235Y Series



	UNIT:mm
A	13.2 ± 1.0
B	12.6 ± 0.3
C	3.5Max
D	3.5 ± 0.3 打扁
	3.8 ± 0.3
E	2.5 ± 0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1235Y-R22M-G/B	0.22	25.0	40.0	0.60	0.80
WNC1235Y-R47M-G/B	0.47	20.0	35.0	1.00	1.30
WNC1235Y-R68M-G/B	0.68	15.0	28.0	2.30	3.00
WNC1235Y-1R0M-G/B	1.0	12.0	24.0	2.70	3.50
WNC1235Y-1R5M-G/B	1.5	10.0	17.0	4.80	6.00
WNC1235Y-2R2M-G/B	2.2	9.0	15.0	6.30	8.00
WNC1235Y-3R3M-G/B	3.3	8.0	12.0	11.0	13.5
WNC1235Y-4R7M-G/B	4.7	7.0	11.0	12.0	15.0
WNC1235Y-6R8M-G/B	6.8	5.0	9.0	24.0	30.0
WNC1235Y-8R2M-G/B	8.2	4.0	8.0	32.0	38.0
WNC1235Y-100M-G/B	10.0	3.0	7.0	38.0	45.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A)會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

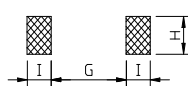
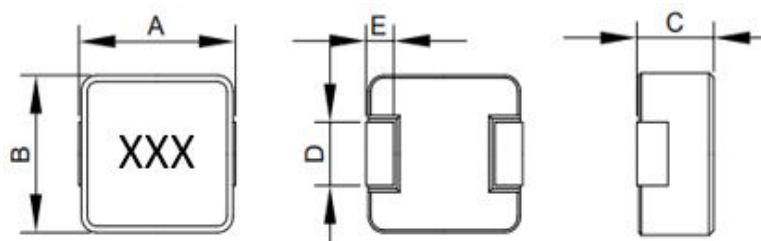
We can design according to customer's request.



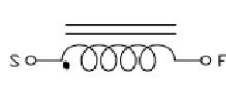
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1240Y Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	4.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1240Y-R22M-G/B	0.22	32.0	50.0	0.70	0.90
WNC1240Y-R33M-G/B	0.33	26.0	45.0	1.20	1.50
WNC1240Y-R47M-G/B	0.47	23.0	40.0	1.30	1.60
WNC1240Y-R68M-G/B	0.68	21.0	35.0	1.70	2.10
WNC1240Y-1R0M-G/B	1.0	18.0	30.0	2.90	4.00
WNC1240Y-1R5M-G/B	1.5	13.0	22.0	4.40	5.50
WNC1240Y-2R2M-G/B	2.2	11.0	18.0	4.40	5.50
WNC1240Y-3R3M-G/B	3.3	9.0	14.0	6.70	8.50
WNC1240Y-4R7M-G/B	4.7	8.0	12.0	14.6	17.5
WNC1240Y-6R8M-G/B	6.8	6.0	10.0	21.0	25.0
WNC1240Y-8R2M-G/B	8.2	5.0	9.0	22.0	26.0
WNC1240Y-100M-G/B	10.0	4.0	8.0	27.0	32.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A)會導致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A)會導致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

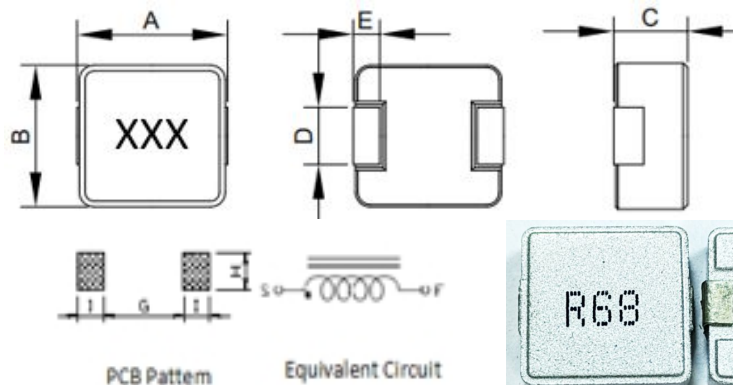


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广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1250Y Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	5.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1250Y-R33M-G/B	0.33	40.0	60.0	0.77	1.00
WNC1250Y-R36M-G/B	0.36	35.0	48.0	0.90	1.20
WNC1250Y-R47M-G/B	0.47	25.0	45.0	0.90	1.20
WNC1250Y-R56M-G/B	0.6	24.0	42.0	1.00	1.30
WNC1250Y-R68M-G/B	0.68	23.0	38.0	1.00	1.30
WNC1250Y-R82M-G/B	0.82	22.0	36.0	1.70	2.10
WNC1250Y-1R0M-G/B	1.0	20.0	32.0	2.10	2.60
WNC1250Y-1R2M-G/B	1.2	18.0	30.0	2.10	2.60
WNC1250Y-1R5M-G/B	1.5	15.0	28.0	2.60	3.10
WNC1250Y-2R2M-G/B	2.2	14.0	25.0	4.80	6.00
WNC1250Y-3R3M-G/B	3.3	13.0	22.0	6.50	7.80
WNC1250Y-4R7M-G/B	4.7	12.0	18.0	8.3	10.0
WNC1250Y-5R6M-G/B	5.6	9.0	15.0	8.5	10.5
WNC1250Y-6R8M-G/B	6.8	8.0	14.0	12.0	15.0
WNC1250Y-8R2M-G/B	8.2	7.5	13.0	18.0	22.0
WNC1250Y-100M-G/B	10.0	7.0	12.0	19.8	24.0
WNC1250Y-150M-G/B	15.0	5.0	10.0	25.1	30.0
WNC1250Y-220M-G/B	22.0	4.5	7.0	34.0	40.0
WNC1250Y-330M-G/B	33.0	3.5	6.0	59.0	70.0
WNC1250Y-470M-G/B	47.0	3.0	5.0	82.0	95.0
WNC1250Y-680M-G/B	68.0	2.5	4.0	93.0	106.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

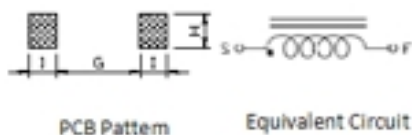
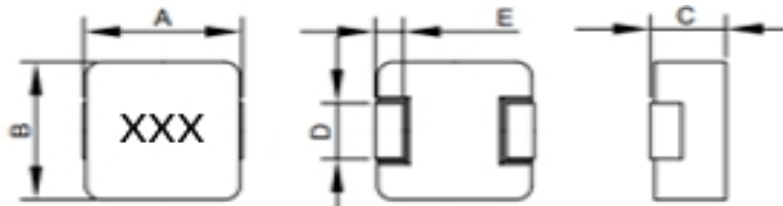


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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1250T Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	5.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1250TP-R10M-G/B	0.10	50.0	90.0	0.26	0.40
WNC1250TP-R33M-G/B	0.33	42.0	85.0	0.75	1.10
WNC1250TP-R36M-G/B	0.36	41.0	80.0	0.82	1.10
WNC1250TP-R47M-G/B	0.47	40.0	75.0	0.90	1.20
WNC1250TP-R68M-G/B	0.68	35.0	65.0	1.00	1.30
WNC1250TP-R82M-G/B	0.82	32.0	60.0	1.70	2.20
WNC1250TP-1R0M-G/B	1.0	29.0	55.0	2.10	2.50
WNC1250TP-1R5M-G/B	1.5	25.0	50.0	2.70	3.50
WNC1250TP-2R2M-G/B	2.2	20.0	40.0	4.30	5.50
WNC1250TP-3R3M-G/B	3.3	16.0	35.0	7.2	9.0
WNC1250TP-4R7M-G/B	4.7	13.0	33.0	10.4	13.0
WNC1250TP-6R8M-G/B	6.8	12.0	25.0	15.0	18.0
WNC1250TP-100M-G/B	10.0	10.0	18.0	25.5	30.0
WNC1250TP-220M-G/B	22.0	7.0	11.0	45.0	53.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



MOLDING POWER INDUCTOR: WNC1250H Series

UNIT:mm	
A	13.2 ± 1.0
B	12.6 ± 0.3
C	5.0Max
D	3.5 ± 0.3 打扁
	3.8 ± 0.3
E	2.5 ± 0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1250HP-R33M-B	0.33	35.0	55.0	0.85	1.10
WNC1250HP-R36M-B	0.36	34.0	53.0	0.85	1.10
WNC1250HP-R47M-B	0.47	32.0	50.0	0.90	1.20
WNC1250HP-R56M-B	0.56	30.0	45.0	1.20	1.60
WNC1250HP-R68M-B	0.68	28.0	40.0	1.70	2.20
WNC1250HP-1R0M-B	1.0	25.0	30.0	2.00	2.50
WNC1250HP-1R2M-B	1.2	23.0	29.0	2.10	2.60
WNC1250HP-1R5M-B	1.5	21.0	28.0	2.60	3.20
WNC1250HP-2R2M-B	2.2	19.0	24.0	3.70	4.80
WNC1250HP-3R3M-B	3.3	15.0	20.0	7.0	9.0
WNC1250HP-4R7M-B	4.7	13.0	17.0	8.0	10.0
WNC1250HP-6R8M-B	6.8	9.0	11.0	13.6	16.0
WNC1250HP-100M-B	10.0	7.5	9.0	22.5	27.0
WNC1250HP-220M-B	22.0	6.0	8.0	45.0	53.0

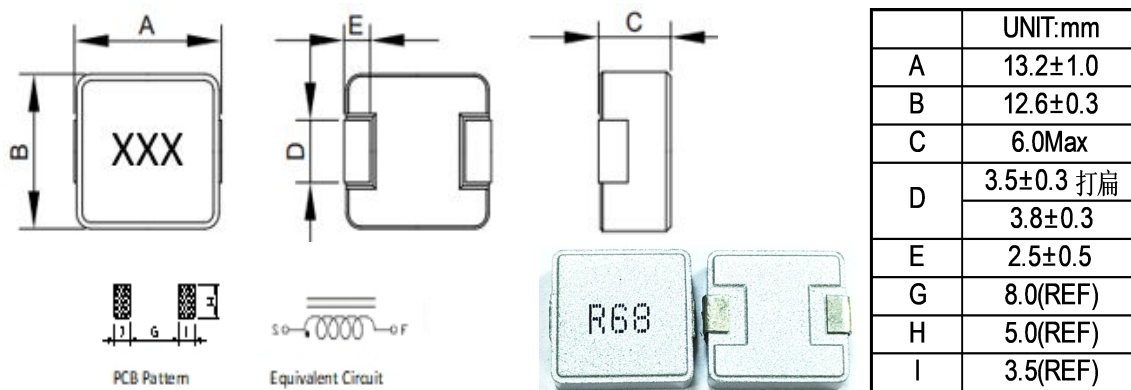
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1260Y Series



Part Number	LO Inductance (μH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1260Y-R47M-G/B	0.47	35.0	48.0	0.94	1.20
WNC1260Y-R68M-G/B	0.68	30.0	42.0	1.10	1.40
WNC1260Y-R82M-G/B	0.82	25.0	40.0	1.10	1.40
WNC1260Y-1R0M-G/B	1.0	23.0	34.0	2.10	2.60
WNC1260Y-1R5M-G/B	1.5	20.0	30.0	2.10	2.60
WNC1260Y-2R2M-G/B	2.2	17.0	25.0	3.70	4.50
WNC1260Y-3R3M-G/B	3.3	15.0	25.0	5.0	6.0
WNC1260Y-4R7M-G/B	4.7	14.0	20.0	7.5	9.0
WNC1260Y-5R6M-G/B	5.6	12.0	18.0	8.3	10.5
WNC1260Y-6R8M-G/B	6.8	10.0	16.0	8.5	10.5
WNC1260Y-8R2M-G/B	8.2	9.0	15.0	11.0	15.0
WNC1260Y-100M-G/B	10.0	8.0	13.0	13.0	15.5
WNC1260Y-150M-G/B	15.0	6.5	11.0	18.0	21.5
WNC1260Y-220M-G/B	22.0	7.0	9.0	33.0	39.0
WNC1260Y-270M-G/B	27.0	5.5	8.0	35.0	41.0
WNC1260Y-330M-G/B	33.0	5.0	7.0	41.0	48.0
WNC1260Y-470M-G/B	47.0	3.5	5.5	59.0	66.0
WNC1260Y-680M-G/B	68.0	3.0	4.5	96.0	105.0
WNC1260Y-101M-G/B	100.0	2.0	3.5	133.0	148.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流升温电流(A) 会导致本体温度上升ΔT不超过 40°C。

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L_o to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

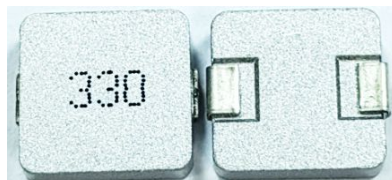
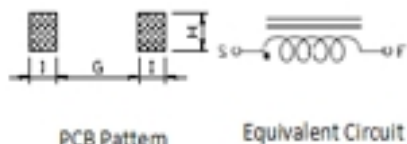
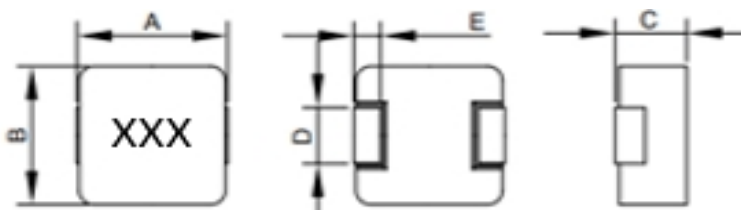
We can design according to customer's request.



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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1260TP Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	6.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1260TP-R33M-G/B	0.33	45.0	90.0	0.75	1.00
WNC1260TP-R47M-G/B	0.47	42.0	85.0	1.00	1.30
WNC1260TP-R68M-G/B	0.68	36.0	70.0	1.10	1.40
WNC1260TP-R82M-G/B	0.82	33.0	65.0	2.00	2.50
WNC1260TP-1R0M-G/B	1.0	32.0	60.0	2.10	2.60
WNC1260TP-1R5M-G/B	1.5	27.0	52.0	2.60	3.30
WNC1260TP-2R2M-G/B	2.2	23.0	46.0	4.7	6.0
WNC1260TP-2R7M-G/B	2.7	23.0	44.0	5.9	7.5
WNC1260TP-3R3M-G/B	3.3	18.0	43.0	6.2	8.0
WNC1260TP-4R7M-G/B	4.7	15.0	30.0	7.5	9.5
WNC1260TP-6R8M-G/B	6.8	13.0	26.0	12.8	15.0
WNC1260TP-8R2M-G/B	8.2	12.5	25.0	14.8	16.5
WNC1260TP-100M-G/B	10.0	11.0	20.0	15.8	18.0
WNC1260TP-150M-G/B	15.0	9.0	18.0	20.0	23.0
WNC1260DTP-220M-G/B	22.0	9.0	17.0	28.0	35.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

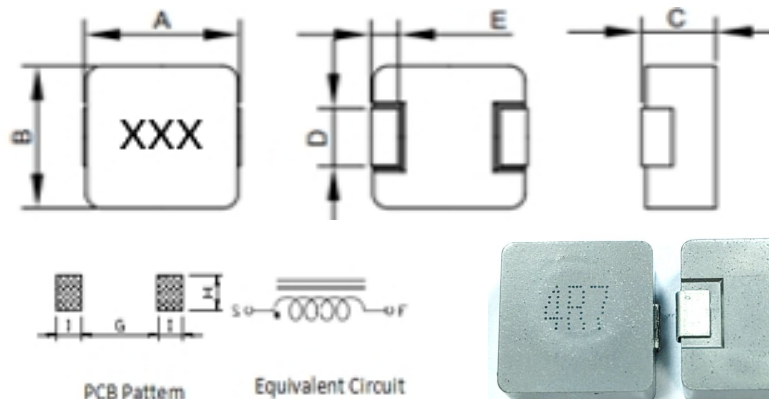
We can design according to customer's request.



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1260HP Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	6.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) drop 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1260HP-R15M-B	0.15	50.0	85.0	0.45	0.60
WNC1260HP-R22M-B	0.22	45.0	80.0	0.50	0.65
WNC1260HP-R33M-B	0.33	40.0	68.0	0.70	0.90
WNC1260HP-R47M-B	0.47	35.0	55.0	0.80	1.00
WNC1260HP-R68M-B	0.68	30.0	42.0	1.10	1.40
WNC1260HP-R82M-B	0.82	28.0	40.0	2.05	2.50
WNC1260HP-1R0M-B	1.0	26.0	33.0	2.10	2.60
WNC1260HP-2R2M-B	2.2	20.0	25.0	4.70	6.00
WNC1260HP-3R3M-B	3.3	16.0	24.0	6.30	7.50
WNC1260HP-4R7M-B	4.7	15.0	20.0	6.50	8.50
WNC1260HP-5R6M-B	5.6	13.0	18.0	8.0	10.0
WNC1260HP-6R8M-B	6.8	11.0	16.0	11.8	14.5
WNC1260HP-100M-B	10.0	10.0	15.0	14.8	18.0
WNC1260HP-150M-B	15.0	8.7	12.0	24.0	27.5
WNC1260HP-220M-B	22.0	8.0	10.0	37.0	42.5
WNC1260HP-330M-B	33.0	5.6	8.0	65.5	73.0
WNC1260HP-470M-B	47.0	5.0	7.0	83.0	90.0
WNC1260HP-680M-B	68.0	3.5	5.5	110.0	122.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

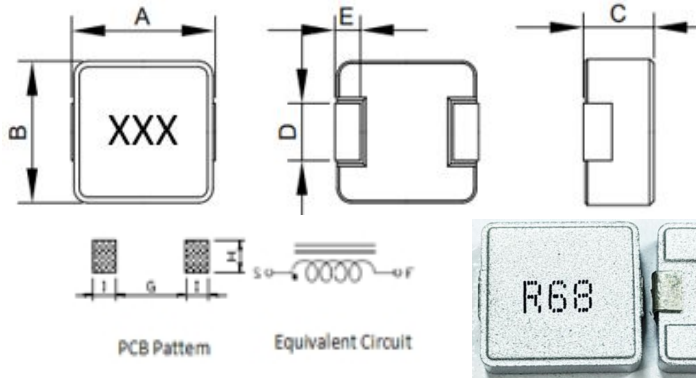
We can design according to customer's request.



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1265Y Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	6.5Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (µH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) 30% Drops	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1265Y-R47M-G/B	0.47	36.0	50.0	0.85	1.00
WNC1265Y-1R0M-G/B	1.0	25.0	36.0	1.40	1.80
WNC1265Y-1R2M-G/B	1.2	22.0	34.0	2.00	2.50
WNC1265Y-1R5M-G/B	1.5	20.0	30.0	2.10	2.60
WNC1265Y-2R2M-G/B	2.2	18.0	26.0	3.60	4.50
WNC1265Y-3R3M-G/B	3.3	16.0	24.0	5.00	6.00
WNC1265Y-4R7M-G/B	4.7	15.0	22.0	6.50	8.50
WNC1265Y-5R6M-G/B	5.6	13.0	20.0	8.5	10.5
WNC1265Y-6R8M-G/B	6.8	11.0	18.0	8.5	10.5
WNC1265Y-8R2M-G/B	8.2	10.5	17.0	10.0	12.5
WNC1265Y-100M-G/B	10.0	9.0	14.0	11.2	13.5
WNC1265Y-150M-G/B	15.0	7.0	12.0	20.0	23.0
WNC1265Y-220M-G/B	22.0	6.5	10.0	31.5	38.0
WNC1265Y-330M-G/B	33.0	6.0	9.0	44.0	52.0
WNC1265Y-470M-G/B	47.0	5.0	6.0	59.0	68.0
WNC1265Y-560M-G/B	56.0	4.5	6.0	82.0	93.0
WNC1265Y-680M-G/B	68.0	4.0	5.0	87.0	98.0
WNC1265Y-820M-G/B	82.0	3.5	4.5	96.0	108.0
WNC1265Y-101M-G/B	100.0	3.0	4.0	102.0	118.0
WNC1265Y-121M-G/B	120.0	2.8	4.0	156.0	180.0
WNC1265Y-151M-G/B	150.0	2.5	4.0	260.0	286.0
WNC1265Y-201M-G/B	200.0	2.0	3.2	330.0	365.0
WNC1265Y-221M-G/B	220.0	1.8	3.0	340.0	370.0
WNC1265Y-331M-G/B	330.0	1.5	2.5	455.0	485.0
WNC1265Y-401M-G/B	400.0	1.3	2.0	653.0	700.0

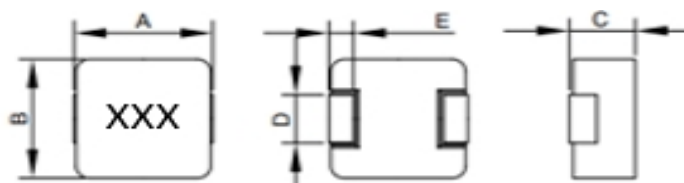
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100kHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
I_{rms} : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
I_{sat} : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1265TP Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	6.5Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1265TP-R15M-G/B	0.15	60.0	120.0	0.37	0.50
WNC1265TP-R22M-G/B	0.22	50.0	110.0	0.50	0.60
WNC1265TP-R33M-G/B	0.33	48.0	100.0	0.60	0.80
WNC1265TP-R47M-G/B	0.47	45.0	90.0	0.80	1.10
WNC1265TP-R56M-G/B	0.56	40.0	80.0	1.00	1.30
WNC1265TP-R68M-G/B	0.68	36.0	72.0	1.40	1.80
WNC1265TP-1R0M-G/B	1.0	32.0	60.0	1.7	2.2
WNC1265TP-1R5M-G/B	1.5	26.0	55.0	2.5	3.2
WNC1265TP-2R2M-G/B	2.2	22.0	48.0	4.0	5.0
WNC1265TP-3R3M-G/B	3.3	19.0	40.0	5.3	6.5
WNC1265TP-4R7M-G/B	4.7	16.0	38.0	7.6	9.5
WNC1265TP-5R6M-G/B	5.6	15.0	34.0	9.5	11.5
WNC1265TP-6R8M-G/B	6.8	13.0	30.0	11.4	14.0
WNC1265TP-100M-G/B	10.0	12.0	21.0	12.5	15.0
WNC1265TP-150M-G/B	15.0	10.0	19.0	20.0	23.0
WNC1265TP-220M-G/B	22.0	9.0	16.0	35.5	42.0
WNC1265TP-330M-G/B	33.0	8.0	13.0	47.0	55.0
WNC1265TP-470M-G/B	47.0	6.0	12.0	90.0	105.0
WNC1265TP-560M-G/B	56.0	5.5	10.0	100.0	120.0
WNC1265TP-680M-G/B	68.0	5.0	8.0	103.0	120.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

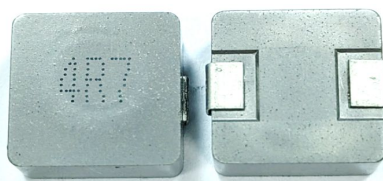
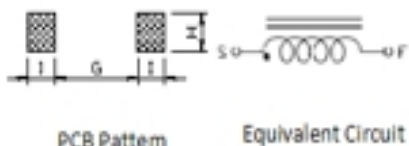
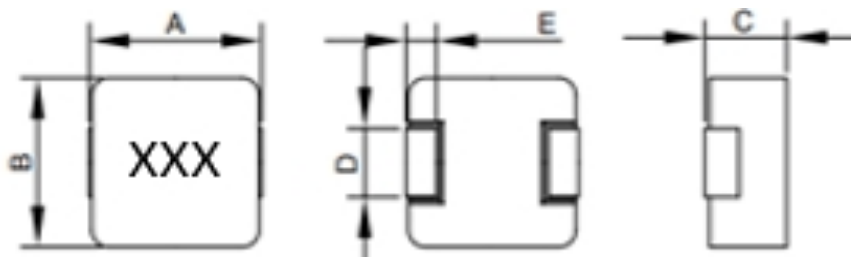
Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



MOLDING POWER INDUCTOR: WNC1265HP Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	6.5Max(WNC1265) 7.0Max(WNC1270)
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)

Part Number	L0 Inductance (μH) ±20%@(0A)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1265HP-1R0M-B	1.0	25.0	35.0	1.5	1.8
WNC1265HP-1R2M-B	1.2	23.0	30.0	1.7	2.1
WNC1265HP-2R2M-B	2.2	21.0	26.0	3.8	5.0
WNC1265HP-3R3M-B	3.3	17.0	22.0	5.6	6.5
WNC1265HP-4R7M-B	4.7	16.0	21.0	7.3	9.0
WNC1265HP-5R6M-B	5.6	14.0	19.0	8.5	10.5
WNC1265HP-6R8M-B	6.8	12.0	18.0	11.7	14.5
WNC1265HP-100M-B	10.0	10.0	15.0	15.2	18.0
WNC1265HP-150M-B	15.0	9.0	14.0	20.0	23.0
WNC1265HP-220M-B	22.0	8.0	12.0	35.0	42.0
WNC1265HP-330M-B	33.0	6.0	9.0	59.0	65.0
WNC1265HP-470M-B	47.0	5.0	7.0	91.0	103.0
WNC1270HP-R22M-B	0.22	55.0	90.0	0.37	0.50

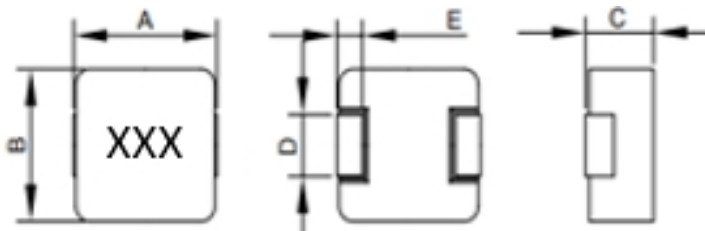
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



广东万磁科技有限公司
Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1280TP Series



	UNIT:mm
A	13.2±1.0
B	12.6±0.3
C	8.0Max
D	3.5±0.3 打扁
	3.8±0.3
E	2.5±0.5
G	8.0(REF)
H	5.0(REF)
I	3.5(REF)



Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1280TP-1R0M-D/B	1.0	35.0	38.0	1.05	1.2 打扁
WNC1280TP-1R5M-D/B	1.5	30.0	35.0	1.35	1.5 打扁
WNC1280TP-2R2M-D/B	2.2	26.0	30.0	1.90	2.2 打扁

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.

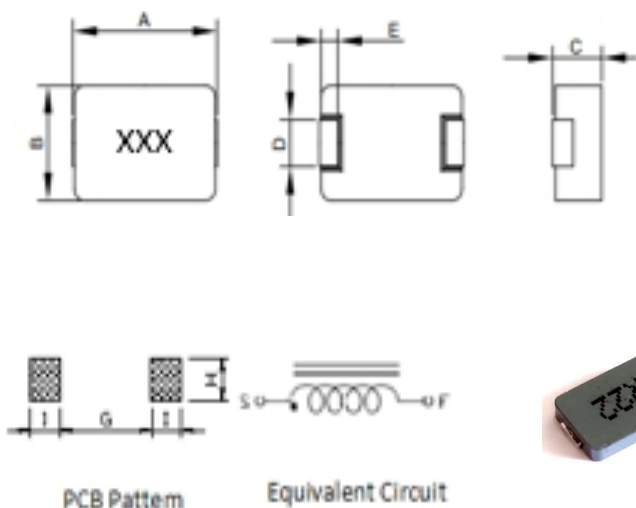


广东万磁科技有限公司

Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC138040TP/HP Series



	UNIT:mm
A	12.8±0.3
B	8.3Max
C	4.0Max
D	3.5±0.3
E	2.5±0.5
G	6.0(REF)
H	5.0(REF)
I	4.25(REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC138040TP-R15M-D/B	0.15	60.0	80.0	0.48	0.5±10%
WNC138040TP-R22M-D/B	0.22	45.0	80.0	0.49	0.48±10%
WNC138040TP-R47M-D/B	0.47	35.0	60.0	1.07	1.05±10%
WNC138040HP-R15M-B	0.15	50.0	80.0	0.47	0.48±10%

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximateΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

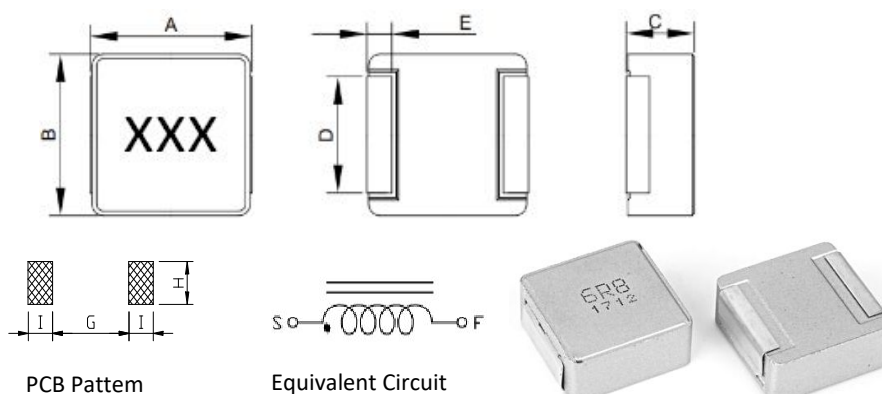
We can design according to customer's request.



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Guang Dong Wan Ci Technology Co., Ltd



MOLDING POWER INDUCTOR: WNC1770Y Series



	UNIT(mm)	
	大 (Large)	小 (Small)
A	18.0±0.5	17.15±0.35
B	17.15Max	17.15Max
C	7.0Max	7.0Max
D	11.94±0.3	11.94±0.3
E	2.5±0.5	2.5±0.5
G	12.4 (REF)	12.4 (REF)
H	13 (REF)	13 (REF)
I	3.8 (REF)	3.5 (REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A) Drops 30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1770Y-1R0M-G/B	1.0	35.0	60.0	1.3	1.6
WNC1770Y-1R5M-G/B	1.5	33.0	50.0	2.0	2.5
WNC1770Y-2R2M-G/B	2.2	28.0	40.0	2.5	3.0
WNC1770Y-3R3M-G/B	3.3	23.0	30.0	3.0	3.6
WNC1770Y-4R7M-G/B	4.7	20.0	26.0	3.9	4.7
WNC1770Y-5R6M-G/B	5.6	19.0	24.0	4.7	5.6
WNC1770Y-6R8M-G/B	6.8	18.0	23.0	5.7	6.9
WNC1770Y-8R2M-G/B	8.2	17.0	22.0	7.2	8.4
WNC1770Y-100M-G/B	10.0	16.0	18.0	8.0	9.5
WNC1770Y-150M-G/B	15.0	12.0	16.0	17.0	21.0
WNC1770Y-220M-G/B	22.0	10.0	13.0	20.5	25.0
WNC1770Y-330M-G/B	33.0	8.0	10.0	33.0	35.0
WNC1770Y-470M-G/B	47.0	7.0	9.0	38.5	45.0
WNC1770Y-680M-G/B	68.0	5.0	8.5	64.0	73.0
WNC1770Y-820M-G/B	82.0	4.5	8.0	93.0	104.0
WNC1770Y-101M-G/B	100.0	4.0	7.0	104.0	115.0
WNC1770Y-121M-G/B	120.0	3.5	5.5	115.0	130.0
WNC1770Y-151M-G/B	150.0	3.0	5.0	135.0	150.0
WNC1770Y-221M-G/B	220.0	2.5	4.0	245.0	270.0
WNC1770Y-351M-G/B	350.0	2.0	3.5	382.0	415.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流 (A) 会导致本体温度上升ΔT不超过 40°C.

I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流 (A) 会导致初始电感值下降约30%左右。

I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

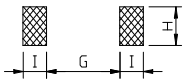
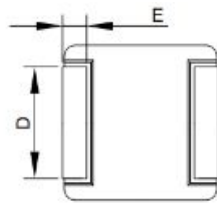
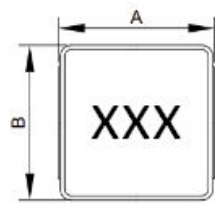
We can design according to customer's request.



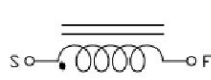
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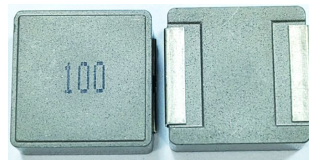
MOLDING POWER INDUCTOR: WNC1770H Series



PCB Pattern



Equivalent Circuit



	UNIT (mm)	
	大 (Large)	小 (Small)
A	18.0±0.5	17.15±0.35
B	17.15Max	17.15Max
C	7.0Max	7.0Max
D	11.94±0.3	11.94±0.3
E	2.5±0.5	2.5±0.5
G	12.4 (REF)	12.4 (REF)
H	13 (REF)	13 (REF)
I	3.8 (REF)	3.5 (REF)

Part Number	L0 Inductance (μH) ±20%@ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops30%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC1770HY-1R0M-B	1.0	35.0	50.0	1.2	1.5
WNC1770HY-1R5M-B	1.5	31.0	45.0	1.5	1.8
WNC1770HY-2R2M-B	2.2	28.0	40.0	2.3	2.8
WNC1770HY-3R3M-B	3.3	25.0	35.0	3.4	4.2
WNC1770HY-4R7M-B	4.7	22.0	26.0	4.0	5.0
WNC1770HY-5R6M-B	5.6	21.0	24.0	4.26	4.44
WNC1770HY-6R8M-B	6.8	18.0	21.0	6.0	7.5
WNC1770HY-100M-B	10.0	17.0	19.0	8.6	10.5
WNC1770HY-150M-B	15.0	12.0	15.0	13.5	16.0
WNC1770HY-220M-B	22.0	10.0	13.0	23.5	26.5
WNC1770HY-330M-B	33.0	9.0	12.0	35.5	37.0
WNC1770HY-470M-B	47.0	6.0	8.0	44.0	52.0
WNC1770HXY-151M-B	150.0	4.0	7.0	148.0	163.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v.

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC1770TY Series

	UNIT (mm)	
	大 (Large)	小 (Small)
A	18.0±0.5	17.15±0.35
B	17.15Max	17.15Max
C	7.0Max	7.0Max
D	11.94±0.3	11.94±0.3
E	2.5±0.5	2.5±0.5
G	12.4 (REF)	12.4 (REF)
H	13 (REF)	13 (REF)
I	3.8 (REF)	3.5 (REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops20%	Saturation Current Isat (A) Drops30%	DCR (mΩ)	
					TYP. (25°C)	MAX. (25°C)
WNC1770TY-1R0M-G/B	1.0	45.0	70.0	80.0	1.4	1.7
WNC1770TY-1R5M-G/B	1.5	42.0	60.0	70.0	1.7	2.1
WNC1770TY-2R2M-G/B	2.2	35.0	45.0	62.0	2.4	2.7
WNC1770TY-3R3M-G/B	3.3	28.0	40.0	54.0	3.5	4.2
WNC1770TY-4R7M-G/B	4.7	25.0	35.0	43.0	3.9	5.0
WNC1770TY-5R6M-G/B	5.6	21.0	36.0	40.0	4.4	5.5
WNC1770TY-6R8M-G/B	6.8	19.0	30.0	35.0	6.5	8.0
WNC1770TY-8R2M-G/B	8.2	16.0	27.0	31.0	8.5	9.5
WNC1770TY-100M-G/B	10.0	15.8	26.0	28.0	8.7	11.0
WNC1770TY-150M-G/B	15.0	12.5	20.0	26.0	18.0	23.0
WNC1770TY-220M-G/B	22.0	12.0	18.0	20.0	23.5	26.5
WNC1770TY-330M-G/B	33.0	10.0	14.0	20.0	35.0	44.0
WNC1770TY-470M-G/B	47.0	9.0		11.0	40.0	48.0
WNC1770TY-560M-G/B	56.0	8.0	9.0	13.0	55.0	62.0
WNC1770TY-680M-G/B	68.0	7.5	9.0	12.0	67.0	80.0
WNC1770TY-101M-G/B	100.0	7.0		12.0	102.0	115.0
WNC1770TY-151M-G/B	150.0	4.0	6Adorp25%	7.0	135.0	155.0
WNC1770TY-351M-G/B	350.0	3.0	5Adorp25%	6.0	375.0	405.0

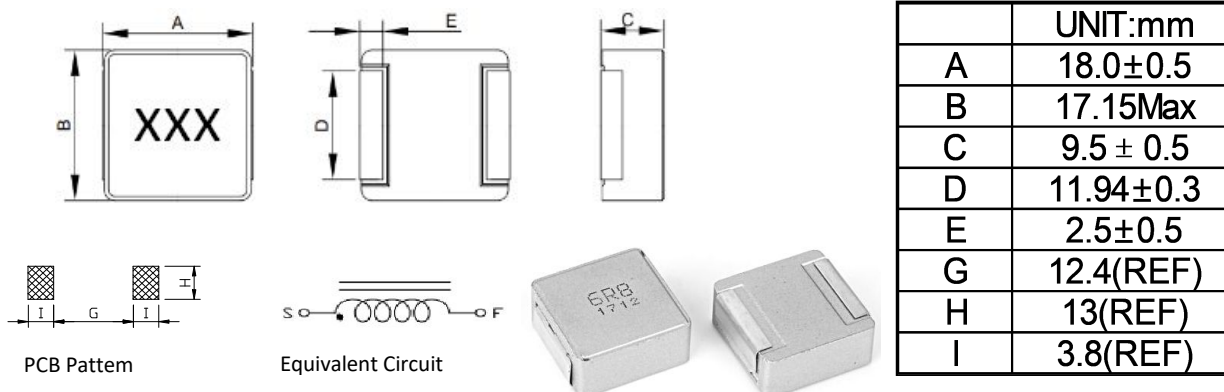
- ※1: 您需要产品, 请与我们联系。
You require another part number please contact with us.
- ※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。
Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v
- ※3: 所有测试数据均参考25 ° C 环境测试。
All test data is referenced to 25°C ambient.
- ※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。
Irms : DC current (A) that will cause an approximateΔT of 40°C
- ※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。
Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: 我们可以根据客户的要求进行设计。
We can design according to customer's request.



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MOLDING POWER INDUCTOR: WNC17100 Series



Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 30%	DCR (m Ω)	
				TYP. (25°C)	MAX. (25°C)
WNC17100TY-2R2M-G/B	2.2	30.0	50.0	1.8	2.3
WNC17100TY-3R3M-G/B	3.3	28.0	45.0	2.2	2.8
WNC17100TY-4R7M-G/B	4.7	25.0	40.0	2.8	3.5
WNC17100DTY-6R0M-G/B	6.0	22.0	36.0	3.9	5.0
WNC17100TY-100M-G/B	10.0	18.0	32.0	6.4	8.0
WNC17100TY-150M-G/B	15.0	16.0	28.0	10.5	13.5
WNC17100TY-220M-G/B	22.0	14.0	25.0	14.2	17.0
WNC17100TY-330M-G/B	33.0	12.0	22.0	21.3	25.0
WNC17100Y-330M-G/B	33.0	10.0	14.0	21.3	25.0
WNC17100Y-470M-G/B	47.0	9.0	13.0	32.6	38.0
WNC17100Y-680M-G/B	68.0	7.0	9.0	48.0	55.0
WNC17100Y-101M-G/B	100.0	5.0	8.0	79.5	90.0
WNC17100Y-121M-G/B	120.0	4.5	7.0	95.0	105.0
WNC17100Y-151M-G/B	150.0	4.0	6.0	95.0	105.0
WNC17100Y-221M-G/B	220.0	3.5	5.0	167.0	182.0
WNC17100Y-331M-G/B	330.0	3.0	4.0	293.0	320.0

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C。

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约30%左右。

Isat : DC current (A) that will cause Lo to drop approximately 30%

※6: 我们可以根据客户的要求进行设计。

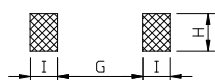
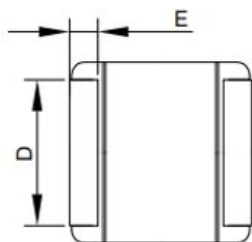
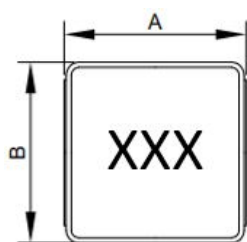
We can design according to customer's request.



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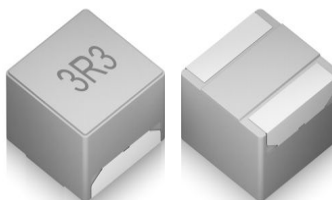
MOLDING POWER INDUCTOR: WNC2213T Series



PCB Pattern



Equivalent Circuit



	UNIT:mm
A	22.5±0.5
B	22±0.3
C	13Max
D	18.6±0.3
E	5.0±0.4
G	11.5(REF)
H	20(REF)
I	6.4(REF)

Part Number	L0 Inductance (μH) ±20% @ (0A)	Heat Rating Current Irms (A)	Saturation Current Isat (A) Drops 20%	DCR (mΩ)	
				TYP. (25°C)	MAX. (25°C)
WNC2213TY-1R0M-G/B	1.0	69.0	71.0	0.85	0.89
WNC2213TY-1R5M-G/B	1.5	65.0	53.0	0.90	1.20
WNC2213TY-2R2M-G/B	2.2	58.0	48.0	1.10	1.25
WNC2213TY-3R3M-G/B	3.3	49.0	41.0	1.40	1.80
WNC2213TY-4R7M-G/B	4.7	47.0	37.0	1.70	1.84
WNC2213TY-5R6M-G/B	5.6	40.0	36.5	2.00	2.50
WNC2213TY-6R8M-G/B	6.8	36.0	36.0	2.90	3.09
WNC2213TY-100M-G/B	10.0	28.0	28.0	3.80	4.14
WNC2213TY-150M-G/B	15.0	23.5	24.0	5.50	6.11
WNC2213TY-220M-G/B	22.0	17.5	16.0	9.00	10.80
WNC2213TY-330M-G/B	33.0	15.5	15.5	14.50	15.40
WNC2213TY-470M-G/B	47.0	13.5	10.0	16.30	17.70
WNC2213TY-560M-G/B	56.0	13.0	11.0	23.00	28.00
WNC2213TY-680M-G/B	68.0	12.5	13.0	31.50	38.00
WNC2213TY-750M-G/B	75.0	12.0	12.0	30.00	32.35
WNC2213TY-820M-G/B	82.0	10.2	9.0	31.50	34.20
WNC2213TY-101M-G/B	100.0	9.1	7.0	37.60	39.40
WNC2213TY-151M-G/B	150.0	6.0	8A Drop 30%	68.00	80.00
WNC2213TY-201M-G/B	200.0	5.0	7A Drop 30%	92.00	105.00
WNC2213TY-221M-G/B	220.0	4.5	6A Drop 30%	108.00	125.00
WNC2213TY-401M-G/B	400.0	4.0	6A Drop 30%	208.00	230.00

※1: 您需要产品, 请与我们联系。

You require another part number please contact with us.

※2: 电感公差 ± 20% ; 测试频率: 100kHz/1.0 v。

Inductance Tolerance ± 20% ; Frequency Test: 100KHz/1.0v

※3: 所有测试数据均参考25 ° C 环境测试。

All test data is referenced to 25°C ambient.

※4: 加 直流温升电流(A) 会导致本体温度上升ΔT不超过 40°C.

Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: 加 直流饱和电流(A) 会导致初始电感值下降约20%左右。

Isat : DC current (A) that will cause Lo to drop approximately 20%

※6: 我们可以根据客户的要求进行设计。

We can design according to customer's request.



包装方法

Packaging Specification:

包装方法：参照国际标准IEC 60286 -3: 2013

Packaging is referred to the international standard IEC 60286 -3:2013

● 卷轴尺寸

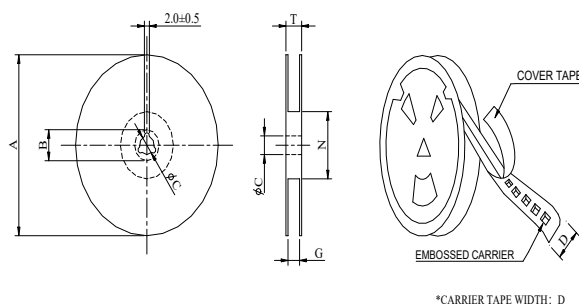
Reel Dimensions

WNC0415--WNC2213/WEE10100卷轴尺寸

A	B	C	N	G/D
330	21	13	100	见载带W尺寸

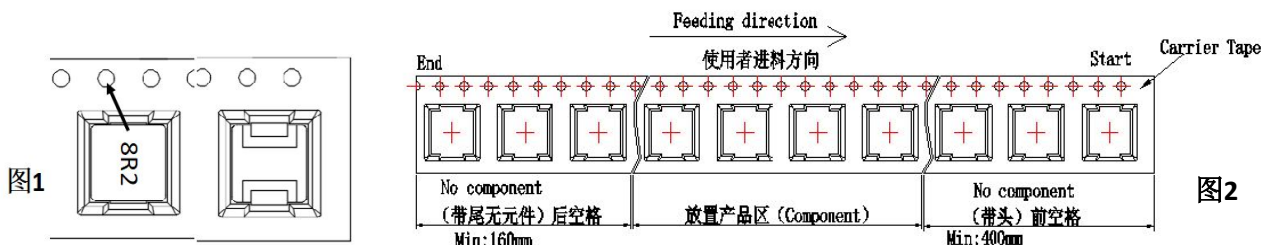
WEE201610--WEE322520卷轴尺寸

A	B±0.8	C±0.5	D	G	N	T
178	21	13	8	9	58	12



● 载带尺寸：参考（载带尺寸）印字方向，印字内容的首字对定位孔。（如图1）载带前后空格数/尺寸（如图2）

Tape size, printing direction, first word pair orifice of printed content (as shown) .

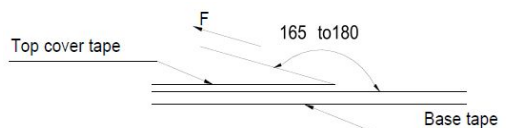


● 盖带封合拉力

Tearing Off Force

上带拉力按箭头方向（F）拉上带速度为300mm/MIN ± 10mm/MIN 的剥离力为：8mm宽度载带拉力0.1 N ~ 1.0 N。12mm ~ 56mm 宽度载带拉力0.1 N 至1.3 N。

THE PEEL FORCE WITH A PEEL SPEED OF 300mm/MIN±10mm/MIN SHALL BE AS FOLLOWS: 0.1N TO 1.0N FOR AN 8mm TAPE WIDTH. 0.1N TO 1.3N FOR A 12mm~56mm TAPE WIDTH.

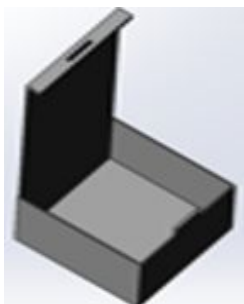


in the arrow direction under the following conditions			
Room Temp (°C)	Room Humidity (%)	Room atrn (hPa)	Teaming Speed (mm/min)
5~35	45~85	860~1060	300.0

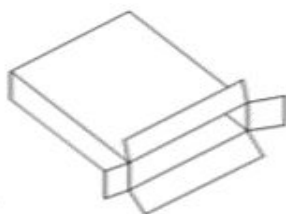
● 外箱尺寸

BOX Dimensions

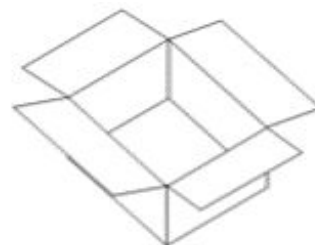
WEE201610-322520系列外箱尺寸：
WEE201610-322520 Size of series outer box: 200*200*70 (mm)



WNC0415-2213系列内盒尺寸：
WNC0415-2213 Size Series inner box dimensions: 340*340*65 (mm)

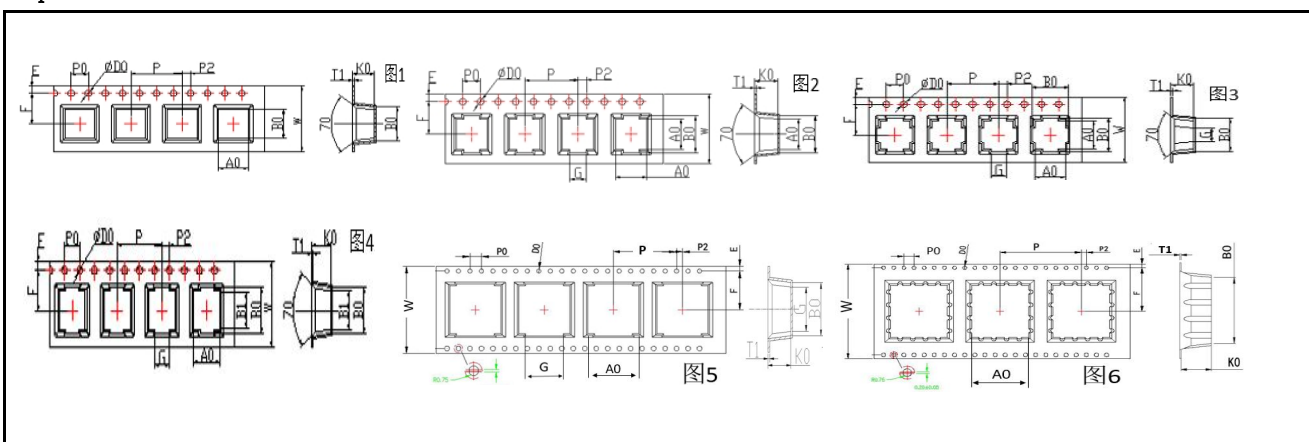


WNC0415-2213系列外箱尺寸：
WNC0415-2213 Size of series outer box:
①365*365*145 (mm)
②365*365*300(mm)





载带尺寸
Tape Dimension

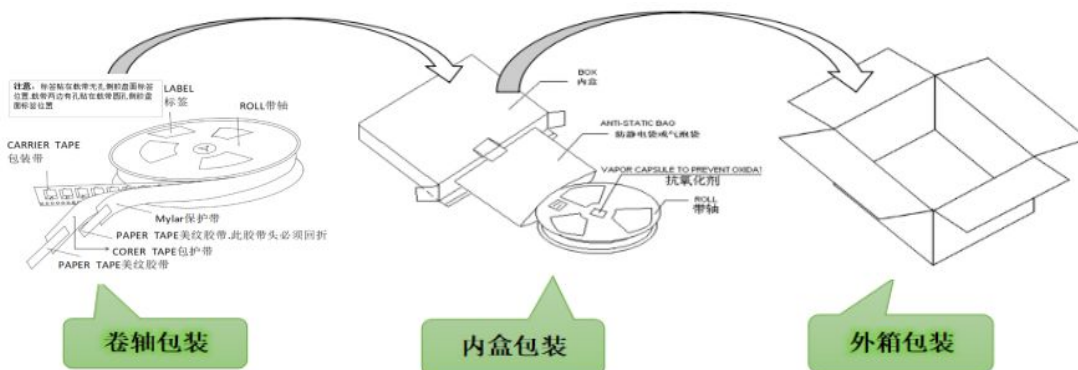


规格	材质	W ±0.3	A0 ±0.1	B0 ±0.1	K0±0.1	P ±0.1	F ±0.1	T1 ±0.05	D0 +0.1/0	P0 ±0.1	P2 ±0.1	E ±0.1	G ±0.1	B1	参考图
WEE201610	透明PS	8	1.8	2.2	1.2	4	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE2520系	透明PS	8	2.2	2.8	1.5	4	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE3225系	透明PS	8	2.8	3.6	成品高度C (Max) +0.2	4	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE4010	透明PS	12	4.4	5.2	1.5	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE4012	透明PS	12	4.4	5.2	1.5	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE4015	透明PS	12	4.4	5.2	2.2	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WEE40系	透明PS	12	4.4	5.2	成品高度C (Max) +0.2	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WNE50系	透明PS	12	4.4	5.2	成品高度C (Max) +0.2	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	1
WNC60系	透明PS	16	7	7.8	成品高度C (Max) +0.2	12	7.5	0.3	1.5	4.0	2.0	1.75	3.5	/	2
WEE1010系	透明PET	24	11.8	10.5	成品高度C (Max) +0.2	16	11.5	0.4	1.5	4.0	2.0	1.75	2.5±0.2	/	1
WSC1050系	透明PET	24	10.6	11.5	成品高度C (Max) +0.2	16	11.5	0.3	1.5	4.0	2.0	1.75	7.5	/	2
WSC1090系	透明PET	24	10.5	11.5	成品高度C (Max) +0.2	16	11.5	0.3	1.5	4.0	2.0	1.75	7.5	/	2
WDC1080系	透明PS	24	10.6	12.0	成品高度C (Max) +0.2	16	11.5	0.4	1.5	4.0	2.0	1.75	3.5	/	3
WDC1213系	透明PS	24	13	14.5	成品高度C (Max) +0.2	20	11.5	0.5	1.5	4.0	2.0	1.75	4.5	/	3
WNC04系	透明PS	12	4.4	5.2	成品高度C (Max) +0.2	8	5.5	0.3	1.5	4.0	2.0	1.75	2.5	/	2
WNC05系	透明PS	16	5.4	6.2	成品高度C (Max) +0.2	8	7.5	0.3	1.5	4.0	2.0	1.75	2.5	/	2
WNC0618	透明PS	16	7	7.8	2.2	12	7.5	0.3	1.5	4.0	2.0	1.75	3.5	/	2
WNC06系	透明PS	16	7	7.8	成品高度C (Max) +0.2	12	7.5	0.3	1.5	4.0	2.0	1.75	3.5	/	2
WNC07系	透明PS	16	7.5	8.5	成品高度C (Max) +0.2	12	7.5	0.35	1.5	4.0	2.0	1.75	3.5	/	2
WNC08系	透明PS	24	8.5	9.5	成品高度C (Max) +0.2	12	11.5	0.35	1.5	4.0	2.0	1.75	5.5	/	2
WNC10系	透明PET	24	10.6	12	成品高度C (Max) +0.2	16	11.5	0.35	1.5	4.0	2.0	1.75	3.5	/	2
WNC12系	透明PET	24	13	14.5	成品高度C (Max) +0.2	16	11.5	0.35	1.5	4.0	2.0	1.75	4.5	/	2
WNC17系	透明PS	32	17.3	18.7	成品高度C (Max) +0.2	24	14.2	0.4	1.5	4.0	2.0	1.75	12.5	/	5
WNC22系	透明PET	44	22.5	23	成品高度C (Max) +0.2	32	20.2	0.5	1.5	4.0	2.0	1.75	/	/	6
WNC1080系	透明PET	24	8.3	12	成品高度C (Max) +0.2	12	11.5	0.35	1.5	4.0	2.0	1.75	3.8	10.8	4
WNC1380系	透明PET	24	8.5	13.6	成品高度C (Max) +0.2	12	11.5	0.4	1.5	4.0	2.0	1.75	4.5	12.4	4
WNC1060系	透明PET	24	6.0	10.5	成品高度C (Max) +0.2	12	11.5	0.35	1.5	4.0	2.0	1.75	3.2	9.1	4
WNC0908系	透明PET	24	8.5	10.2	成品高度C (Max) +0.2	16	11.5	0.35	1.5	4.0	2.0	1.75	5.5	9.8	4



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Guang Dong Wan Ci Technology Co., Ltd

包装
PACKAGE



包装数量 Number of packages

P/N	载带		包装	PCS/盒 Inner Box			每箱/ Carton						
	W	P		卷/盒	卷/箱	PCS/箱	W	P	包装	卷/盒	卷/箱	PCS/箱	
WEE201610	8	4	3000	/	5卷/箱	15000/箱	WNC0415	12	8	4000	2卷/盒	4卷/箱	16000/箱
WEE252010	8	4	3000	/	5卷/箱	15000/箱	WNC0420	12	8	3000	2卷/盒	4卷/箱	12000/箱
WEE252012	8	4	3000	/	5卷/箱	15000/箱	WNC0520	16	8	3000	2卷/盒	4卷/箱	12000/箱
WEE322510	8	4	3000	/	5卷/箱	15000/箱	WNC0530	16	8	2000	2卷/盒	4卷/箱	8000/箱
WEE322512	8	4	3000	/	5卷/箱	15000/箱	WNC0618	16	12	2000	2卷/盒	4卷/箱	8000/箱
WEE322520	8	4	2000	/	5卷/箱	10000/箱	WNC0620	16	12	2000	2卷/盒	4卷/箱	8000/箱
WEE4010	12	8	4000	2卷/盒	4卷/箱	16000/箱	WNC0624	16	12	2000	2卷/盒	4卷/箱	8000/箱
WEE4012	12	8	4000	2卷/盒	4卷/箱	16000/箱	WNC0630	16	12	1500	2卷/盒	4卷/箱	6000/箱
WEE4015	12	8	3000	2卷/盒	4卷/箱	12000/箱	WNC0640	16	12	1000	2卷/盒	4卷/箱	4000/箱
WEE4020	12	8	3000	2卷/盒	4卷/箱	12000/箱	WNC0650	16	12	1000	2卷/盒	4卷/箱	4000/箱
WEE4030	12	8	2000	2卷/盒	4卷/箱	8000/箱	WNC0850	24	12	1000	2卷/盒	4卷/箱	4000/箱
WEE4040	12	8	1500	2卷/盒	4卷/箱	6000/箱	WNC1040	24	16	1000	2卷/盒	4卷/箱	4000/箱
WNE5030	12	8	2000	3卷/盒	6卷/箱	12000/箱	WNC1045	24	16	800	2卷/盒	4卷/箱	3200/箱
WEE6060	16	12	800	2卷/盒	4卷/箱	3200/箱	WNC1050	24	16	800	2卷/盒	4卷/箱	3200/箱
WEE10100	24	16	300	2卷/盒	4卷/箱	1200/箱	WNC1060	24	16	500	2卷/盒	4卷/箱	2000/箱
WNC1030	24	16	1000	2卷/盒	4卷/箱	4000/箱	WNC1080	24	16	400	2卷/盒	4卷/箱	1600/箱
WSC1050	24	16	800	2卷/盒	4卷/箱	3200/箱	WNC108050	24	12	1000	2卷/盒	4卷/箱	4000/箱
WSC1090	24	16	300	2卷/盒	4卷/箱	1200/箱	WNC1240	24	16	500	2卷/盒	4卷/箱	2000/箱
WDC1080	24	16	500	2卷/盒	4卷/箱	2000/箱	WNC1250	24	16	500	2卷/盒	4卷/箱	2000/箱
WDC1213	24	20	250	2卷/盒	4卷/箱	1000/箱	WNC1260	24	16	500	2卷/盒	4卷/箱	2000/箱
WNC0750	16	12	800	2卷/盒	4卷/箱	3200/箱	WNC1265/1270	24	16	400	2卷/盒	4卷/箱	1600/箱
WNC090840	24	16	1000	2卷/盒	4卷/箱	4000/箱	WNC1280	24	16	300	2卷/盒	4卷/箱	1200/箱
							WNC138040	24	12	1000	2卷/盒	4卷/箱	4000/箱
							WNC1770	32	24	300	2卷/盒	4卷/箱	1200/箱
							WNC17100	32	24	250	2卷/盒	4卷/箱	1000/箱
							WNC2213	44	32	100	2卷/盒	4卷/箱	400/箱

存储条件

Storage Conditions

- 储存温度和湿度条件: 温度 摄氏40度以下, 相对湿度70% 以下。
Temperature and humidity conditions: Less than 40°C and 70% RH.
- 推荐的产品应在交货后6个月内使用。
Recommended products should be used within 6 months form the time of delivery.
- 包装材料应存放在空气中不含氯或硫的地方。

The packaging material should be kept where no chlorine or sulfur exists in the air.

交通运输

Transportation

- 产品应小心处理, 以避免损害或污染的汗液和皮肤油。
Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- 强烈建议使用镊子或真空拾取产品。
The use of tweezer or vacuum pick up is strongly recommended for individual components.
- 散装搬运应确保磨损和机械冲击最小化。
Bulk handing should ensure that abrasion and mechanical shock are minimized.



产品焊接参考温度条件

Reference condition of product welding

图 1. 过回焊 (IR) 炉参考温度曲线图
Figure 1. RE-flow Soldering

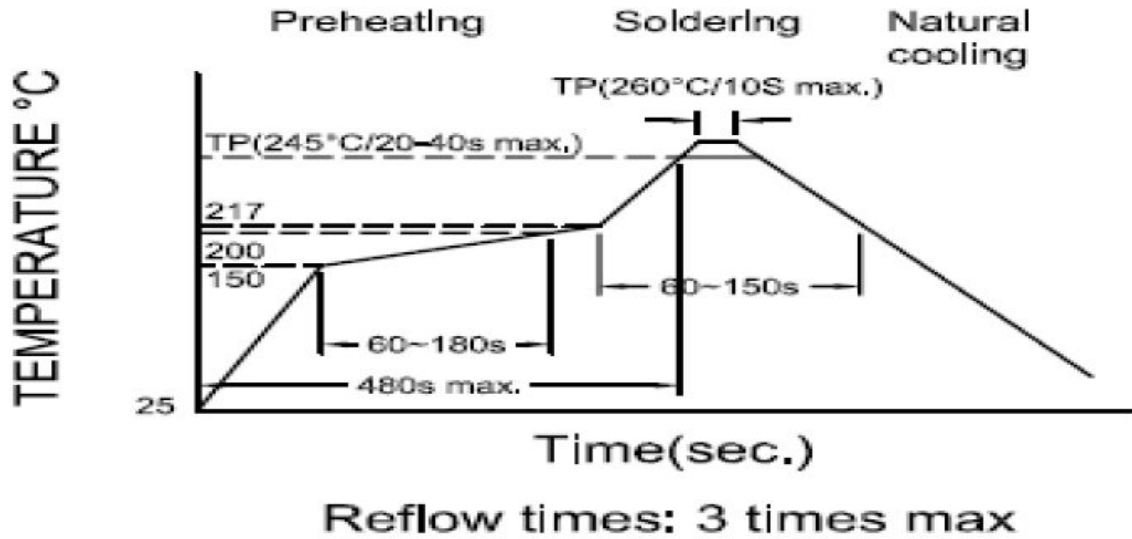
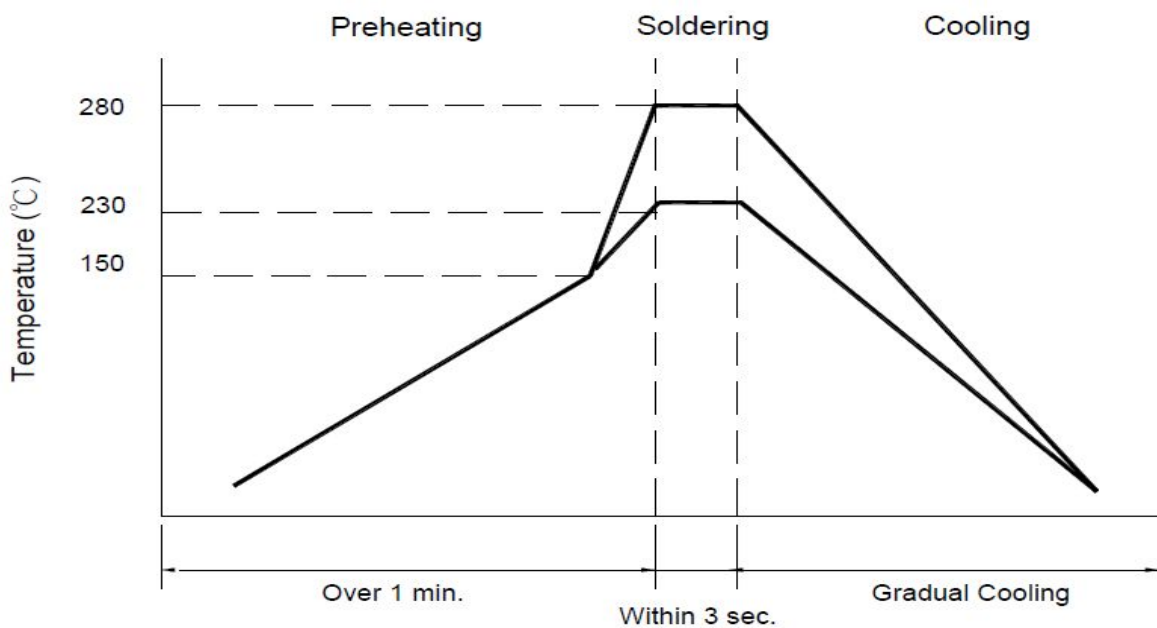


图 2. 手工焊接参考温度曲线图
Figure 2. Hand Soldering

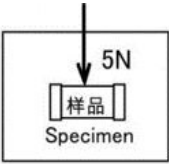




● 信赖性测试 Reliability Test			
项目 ITEM	参考标准 Reference	判定标准 Required Characteristics	试验方法及条件 Test Method/Condition
高温存储 High Temperature Exposure (Storage)	MIL-STD-202 Method 108	1 外观无损坏 • No. case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3. 电阻变化 ≤15% • ΔDCR/DCR ≤15%	<ul style="list-style-type: none"> - 实验准备: 2次回流焊预处理; - 实验条件: 温度: 155±2°C; 持续时间: 1000±2h; 在室温下放置24h后测量。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •1000hrs. at rated operating temperature, part can be stored for 1000 hrs. @ 155°C. • Unpowered. Measurement at 24±4 hours after test conclusion.
高低温冲击实验 Temperature Cycling	JESD22 Method JA-104	1 外观无损坏 • No. case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3. 电阻变化 ≤15% • ΔDCR/DCR ≤15%	<ul style="list-style-type: none"> - 实验准备: 2次回流焊预处理; - 实验条件: -55°C, 30min→155°C, 30min; 循环1000次, 温区转换时间1min以内; - experimental preparation: 2 times reflow soldering pretreatment; - experimental preparation: •1000 cycles (-55° C to +155° C). Measurement at 24±4 hours after test conclusion. 30min maximum dwell time at each temperature extreme. 1 min. maximum transition time.
耐湿热试验 Biased Humidity	MIL-STD-202 Method 103	1 外观无损坏 • No. case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3. 电阻变化 ≤15% • ΔDCR/DCR ≤15%	<ul style="list-style-type: none"> - 实验准备: 2次回流焊预处理; - 实验条件: 85~95% RH, 60±2°C, 1000h, 在室温下放置24h后测试 - experimental preparation: 2 times reflow soldering pretreatment; - experimental preparation: •1000 hours 85°C/95%RH. Unpowered. Measurement at 24±4 hours after test conclusion.
低温存储 Low Temperature Storage Test	GB/T 2423.1-2008	1 外观无损坏 • No. case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3. 电阻变化 ≤15% • ΔDCR/DCR ≤15%	<ul style="list-style-type: none"> - 实验准备: 2次回流焊预处理; - 实验条件: 温度: -55±2°C; 持续时间: 1000±2h; 在室温下放置24h后测量。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental preparation: • Temperature: -55°C±3°C • Time: 1000±2 hours. • Tested not less than 1 hour, nor more than 2 hours at room.
可焊接性试验 Solder Ability Test	J-STD-002	- 无需提供感值变化, 焊料涂层连续无缺陷, 且上锡面积覆盖率不得低于95%。 More than 90% of terminal electrode should be covered with solder.	<ul style="list-style-type: none"> - 实验条件: 预热: 160±10°C, 90s; 焊料: Sn96.5%; Ag3%; Cu0.5%; 温度: 245±5°C; 无铅助焊剂: 松香9.5%; 浸入时间: 5±1sec; 深度: 完全覆盖端子; - experimental preparation: 2 times reflow soldering pretreatment; - experimental preparation: •After fluxing, component shall be dipped in a me •Solder: bath at 245°C±5°C for 5±0.5 seconds.
抗弯折测试 Adhesion strength Test	AEC-Q200-005	1 外观无损坏 • No. case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3. 电阻变化 ≤15% • ΔDCR/DCR ≤15%	<ul style="list-style-type: none"> - 实验准备: 2次回流焊预处理; - 实验条件: 向PCB逐渐施加压力直到弯曲深度达到2mm并保持60±5s; 板子: 40*100mm, 厚度依产品封装而定; - experimental preparation: 2 times reflow soldering pretreatment; - experimental preparation: •Bend the board (D) X = 1.2mm, 60sec minimum holding time. Product is mounted on PCB.



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● 信赖性测试 Reliability Test			
项目 ITEM	参考标准 Reference	判定标准 Required Characteristics	试验方法及条件 Test Method/Condition
端子强度测试 Welding strength Test	AEC-Q200-006	- 无需提供感值变化。 - 目检法检查外观, 无可见机械损伤 (端头不脱落、本体无损伤不断裂)。 Visual inspection of the appearance, no visible mechanical damage -LRB-end does not fall off, the body without damage and fracture)	- 实验准备: 2次回流焊预处理; - 实验条件: 以恒定速度延X、Y两个方向施加推力1kgf (≤0805, 0.5kgf; ≤0402, 0.2kgf), 保持时间: 6±1s。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: λ. Apply a 1.8Kg force to the side of a device bending tested. The force shall be applied for 60+1 seconds. 
使用寿命 Operational Life	MIL-PRF-27	1 外观无损坏 • No.case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3.电阻变化 ≤15% • ΔDCR/DCR ≤15%	- 实验准备: 2次回流焊预处理; - 实验条件: •1000小时。@125 ° C。@应用电流: 额定电流。 测量结束后24 ± 4小时。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •1000 hrs. @ 125 ° C. @Applied Current: Rated Current .Measurement 24±4 hours after test conclusion.
外形尺寸 Physical Dimension	JESD22 Method JB-100	-外形尺寸检验记录 Inspection record of physical dimensions	- 实验准备: 2次回流焊预处理; - 实验条件: 根据相应的产品规格书检验外形尺寸。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •Verify physical dimensions to the applicable device detail specification.
耐溶剂性 Resistance to Solvents	MIL-STD-202 Method 215	- 外观无损坏, 印字清晰 No case deformation or change in appearance, or obliteration on the marking occurred due to solvent (10X magnification)	- 实验准备: 2次回流焊预处理; - 实验条件: 用异丙醇沉浸3 + 0.5/-0分钟。刷10下(湿刷毛)反复2到3次。用水冲洗。风干。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •Immersion 3+0.5/-0 minutes in (IPA).Brush 10 strokes (wet bristle) 2 to 3 oz.Rinse in water. Air blow dry.
机械冲击 Mechanical Shock	MIL-STD-202 Method 213	1 外观无损坏 • No.case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3.电阻变化 ≤15% • ΔDCR/DCR ≤15%	- 实验条件: 各单位停止运作。脉冲形状: 半正弦波冲击加速度: 100克脉冲持续时间: 6毫秒冲击次数: 18次(每面3次) - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •Units are non-operating. Pulse shape : Half-sine waveform Impact acceleration : 100 g's Pulse duration : 6 ms Number of shocks : 18 shocks (3 shocks for each face)
低频振动测试 Vibration	MIL-STD-202 Method 204/ (GB/T 2423.10-2019)	1 外观无损坏 • No.case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3.电阻变化 ≤15% • ΔDCR/DCR ≤15%	- 实验准备: 2次回流焊预处理; - 实验条件: 10~50~10Hz; 总振幅: 1.5mm±10%, 振动周期: 1min, X、Y、Z每个方向2h。 - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •5 g's for 20 minutes, 12 cycles each of 3 orientations. Note: Use 8"X5" PCB, .031" thick, 7 secure points on the long side and 2 secure points at corners of opposite sides. Parts mounted within 2" from any secure point. Test from 10-15-10Hz.
耐焊接热性 Resistance to Soldering Heat	IEC 60068-2-20:2008 Tb法 /MIL-STD-202 Method 210 方法 B)	1 外观无损坏 • No.case deformation or change in appearance 2 L值变化 ≤10% • ΔL/L ≤10% 3.电阻变化 ≤15% • ΔDCR/DCR ≤15%	- 实验条件: 试验温度: 260±5°C; 浸渍时间: 10±1s; 冷却至室温后测量; - experimental preparation: 2 times reflow soldering pretreatment; - experimental conditions: •Test condition B: Solder dip-260±5°C (solder temp.), time 10±1 sec, immersion rate 25mm/s ±6 mm/s, 1 heat cycle.