



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRPQ2012J-3R3M

我司品名:

OUR PART NAME

PQ inductance

送样日期:

DATE SAMPLES

数量:

QUANTITY

制造确认 MANUFACTURER APPROVE

拟制 DRAWN	审核 CHECKED	确认 APPROVED
Hu Fangting	RaoPing	LiZhengxiong

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION:

PQ2012J 3.3UH 20%

检查结果: 合格 不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司, 本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgment, please raise it or send the mark to us. The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

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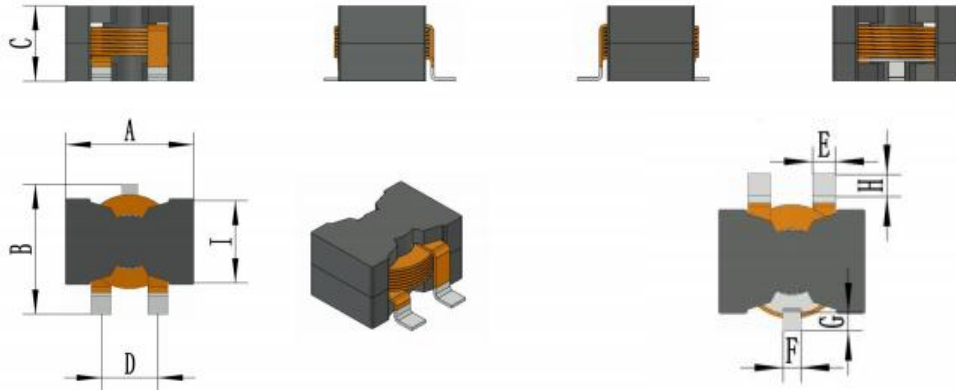
产品承认书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER		日期 DATE	2024-6-21
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	PQ2012J 3.3UH 20%
我司物料编号 OUR PART NO	XRPQ2012J-3R3M	我司品名 OUR PART NAME	PQ inductance

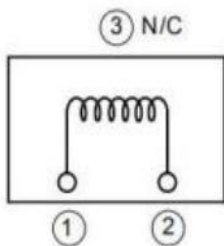
外观尺寸 Appearance of size

单位 Unit: mm

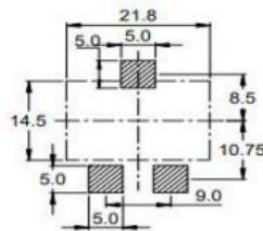


A	B	C	D	E	F	G	H	I		线圈规格
21.5MAX	22.5MAX	12.5MAX	9.0±0.5	3.2±0.3	2.5±0.3	2.5±0.3	3.0±0.5	14.0±0.5		0.7*3.2*9*5.75TS

2. Schematic 原理图



3. 焊接图 RECOMMENDED PCB LAYOUT



4. Features: 特点:

(1) 装配设计, 结构坚固。

Assembly design, solid structure.

(2) 高电感、大电流、低磁损耗、低ESR、小寄生电容。High inductance, large current, low magnetic loss, low ESR and small parasitic capacitance.

(3) 升温电流和饱和电流受环境影响较小。The heating current and saturation current are less affected by the environment.

(4) 工作温度: -40~+125 (含线圈温升)。Working temperature: -40~+125 (including coil temperature rise).

产品承认书

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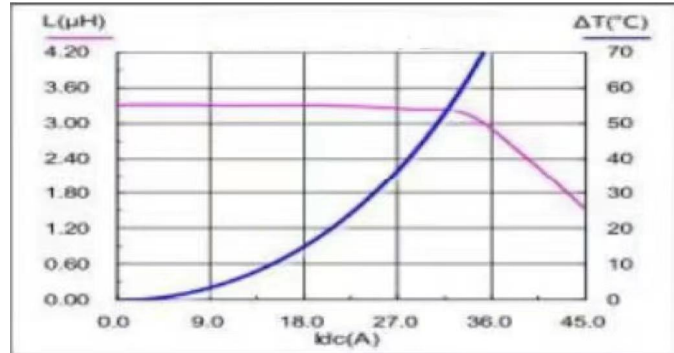
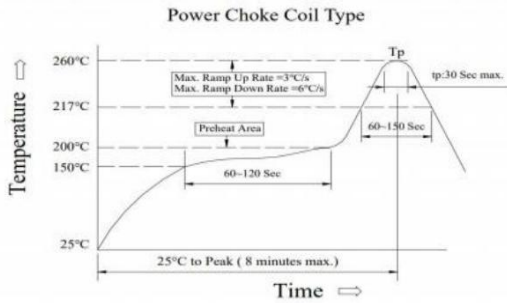
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客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	PQ2012J 3.3UH 20%
我司物料编号 OUR PART NO	XRPQ2012J-3R3M	我司品名 OUR PART NAME	PQ inductance

电性能参数

Part Number 型号	Inductance (uH) 电感量 At 100KHz/0.25V	直流电阻 DCR (mΩ)Max	Saturation current (A) 饱和电流	Temperature rise current (A) 温升电流
XRPQ2012J-3R3M	3.3±20%	2.2	35	28

回流焊曲线 Reflow soldering profile:

饱和电流VS温升电流曲线:



存储条件 Storage conditions

- (1) 存放货物的库房应满足以下条件：温度：-40 ~ +125°C, 相对湿度：30 ~ 70%。The warehouse for storing goods shall meet the following conditions: temperature: -40 ~ +125°C and relative humidity: 30 ~ 70%.
- (2) 禁止将产品保管在腐蚀性物质中，否则将引起端头氧化，导致降低焊接性。It is forbidden to store the product in corrosive substances, otherwise it will cause oxidation of the end and reduce the weldability.
- (3) 为了避免受潮气、灰尘等物质的影响，产品应保管于货架上。In order to avoid the influence of moisture, dust and other substances, the product should be kept on the shelf.
- (4) 产品保管在库房中，应避免热冲击、振动以及直接光照等等。When the products are stored in the warehouse, thermal shock, vibration and direct light should be avoided.
- (5) 产品应密封包装。Products should be sealed and packaged.

制表 MADE	审核 CHECKED	批准 APPROVED	
Hu Fangting	Rao0ing	LiZhengxiong	