



# 产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRCM1006C-470YT

我司品名:

OUR PART NAME

Common-Mode Filter

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    | ZhongCuilan |

## 客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

XRCM1006C 47UH  $\pm 40\%$  3.2A

规格型号 DESCRIPTION:

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.

东莞市祥如电子有限公司

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Email: dgxiangru@126.com



## 修订记录 Revision record

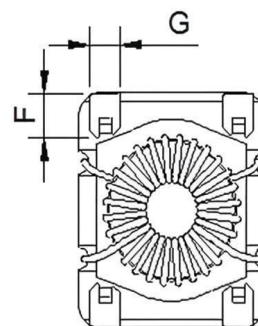
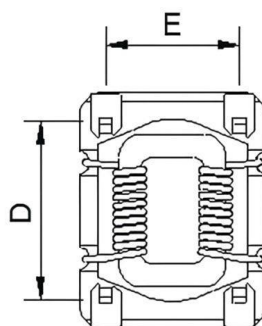
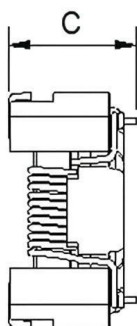
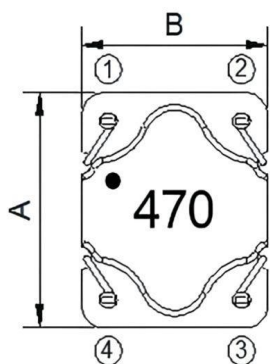
[illegible]

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|                        |                 |                       |                                |
|------------------------|-----------------|-----------------------|--------------------------------|
| 客户名称<br>CUSTOMER       |                 | 日期<br>DATE            | 2025/11/20                     |
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### 外观尺寸 Appearance of size

单位 Unit: mm



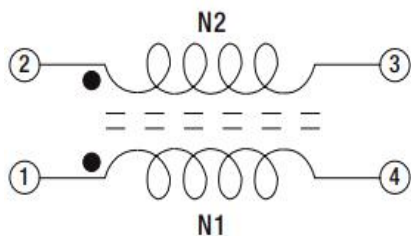
(121~102Y)

(222~472Y)

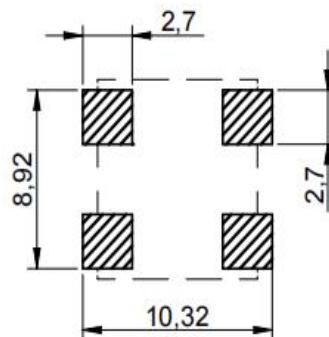
|    |                |                            |                |   |                |   |        |
|----|----------------|----------------------------|----------------|---|----------------|---|--------|
| A  | 10.0 $\pm$ 0.5 | C                          | 6.5MAX         | E | 6.22 $\pm$ 0.1 | G | 1.4Typ |
| B  | 8.7 $\pm$ 0.3  | D                          | 7.62 $\pm$ 0.1 | F | 1.8Typ         |   |        |
| 注: |                | Note: laser marking (激光打标) |                |   |                |   |        |

(以上尺寸为手工测量只做参考详细尺寸以实物为准)

### 电路图 Schematic Diagram:



### Reference land pattern (mm)参考基板尺寸:



### 注意事项 Matters needing attention:



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### 电性参数 Electrical parameters:

| Part Number<br>型号 | Inductance<br>(uH)电感值 | 阻抗Z<br>( $\Omega$ ) | D.C.R(m $\Omega$ )<br>max.<br>直流电阻 | RatedCurrent<br>(A)<br>额定电流 | RatedVoltage(Vdc)<br>max.<br>额定电压 | 频率范围<br>FrequencyRange<br>(MHz) |  |
|-------------------|-----------------------|---------------------|------------------------------------|-----------------------------|-----------------------------------|---------------------------------|--|
| XRCM1006C         | 47 $\pm 40\%$         | 800MIN              | 40                                 | 3.2                         | 600                               | 10~100                          |  |

(1).Test condition: 100KHz/0.1V,All data is tested based on 25℃ ambient temperature.

测试条件:100KHz0.1V, 所有数据都是根据25℃环境温度下测试。

(2).Impedance measure condition reference frequency range.

共模阻抗测量条件参考频率范围。

(3).Leakage inductance is for L1 and is measured with L2 shorted.

漏感:在短路L2绕组的前提下测试L1绕组所得的电感。

(4).Rated current: the value of DC current when the temperature rise is AT40℃(Ta=25℃).

额定电流:使产品温度上升到AT40℃时所加载的直流电流值(Ta=25℃)。

(5).Operating Temperature: -40℃ to +105℃ (Temperature rise included).

工作温度: -40℃ ~ +105℃ (包括温升)。

(6).Storage condition: Temperature 5 to 40℃, RH $\leq 70\%$ .

储存条件: 温度5~40℃, 相对湿度小于等于 $\leq 70\%$ 。

注:

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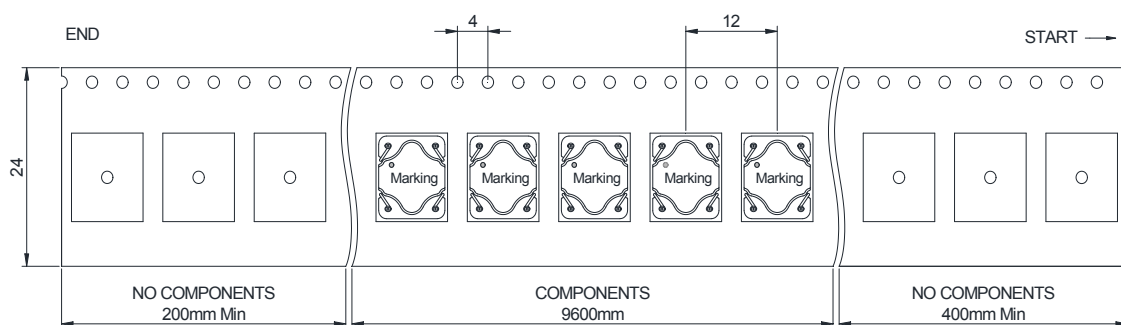
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### Material list (材料清单):

| No.编号 | ITEM项目   | DESCRIPTION描述   |  |
|-------|----------|-----------------|--|
| 1     | CORE     | FERRITE         |  |
| 2     | CASE     | LCP E4008&C5191 |  |
| 3     | WIRE     | P180 G1         |  |
| 4     | ADHESIVE | FH-3614         |  |
| 5     | TIN      | Sn100%          |  |

### Packing Specification 包装规格:

#### (1).Tape Direction (mm)编带方向:



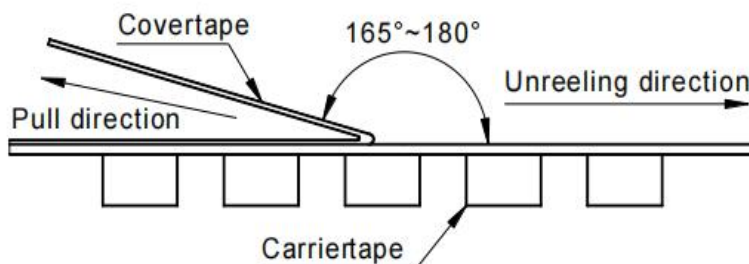
#### (2).Cover Tape Peel Off Condition 盖带剥离条件:

##### ■Cover tape peel force shall be 10g to 130g.

盖带剥离力度为10~130克

##### ■Reference peel speed 300 $\pm$ 10mm/min.

参考剥离速度为300 $\pm$ 10mm/分钟

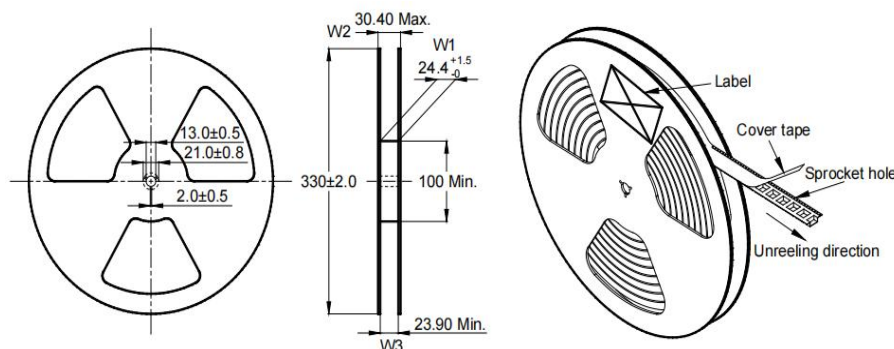


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### (3). Reel Dimensions (mm) 卷盘尺寸 (mm):



### (4). Carton Dimensions and Packing Quantity 包装箱尺寸和包装数量:

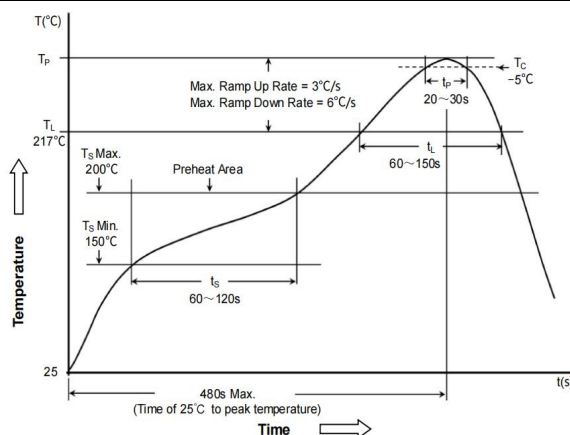
| Carton:                    | Product Series | Quantity / Reel                 | Inner Carton Quantity | Out Carton Quantity |
|----------------------------|----------------|---------------------------------|-----------------------|---------------------|
|                            | XRCM1006C      | 800pcs                          | (800x2) = 1600pcs     | (1600x3) = 4800pcs  |
| ■Inner : 340x340x70mm 内包装盒 |                | ■Out Carton: 360x360x240mm 外包装箱 |                       |                     |

### 8. Soldering Specification 焊接规格:

#### (1). Reflow Profile for SMT Components

#### SMT 焊锡温度曲线

■Reflow is referred to standard IPC/JEDEC J-STD-020D.  
回流焊参照标准 IPC/JEDEC J-STD-020D。



### (2). Classification of Peak Package Body Temperature (TP) 封装体峰值温度 (TP) 分类:

|                          | Package Thickness<br>封装厚度 | Package Volume 封装体积  |                          |                       |
|--------------------------|---------------------------|----------------------|--------------------------|-----------------------|
|                          |                           | <350 mm <sup>3</sup> | 350~2000 mm <sup>3</sup> | >2000 mm <sup>3</sup> |
| PB-Free Assembly<br>无铅装配 | <1.6mm                    | 260°C                | 260°C                    | 260°C                 |
|                          | 1.6~2.5mm                 | 260°C                | 250°C                    | 245°C                 |
|                          | ≥2.5mm                    | 250°C                | 245°C                    | 245°C                 |