



# 规格书



|      |                |      |              |
|------|----------------|------|--------------|
| 产品型号 | CSMCW9070F-701 | 客户料号 | 511-103-0022 |
| 产品名称 | 贴片共模电感         | 日期   | 2024/11/05   |

客户名称 : \_\_\_\_\_  
客户料号 : 511-103-0022  
客户描述 : \_\_\_\_\_  
料号 : CSMCW9070F-701  
修订编号 : 2024115Tue173121  
日期 : 2024/11/05  
备注 : STANDARD

| 供应商承认 |     |     |    |     |                                                                                       |
|-------|-----|-----|----|-----|---------------------------------------------------------------------------------------|
| 制样    | 制作  | 测试  | 审核 | 核准  | 华锐达工程部<br>电子章                                                                         |
| 黄成宏   | 陈文凤 | 陈文凤 | 阮星 | 胡林立 |  |
| 签章    |     |     |    |     |                                                                                       |
|       |     |     |    |     |                                                                                       |
| 客户承认  |     |     |    |     |                                                                                       |
| 采购    |     | 工程  |    | 品质  |                                                                                       |
|       |     |     |    |     |                                                                                       |

## 深圳市华锐达电子有限公司

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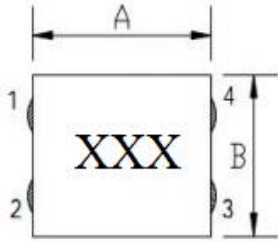
TS16949 证书号: 0358772

ISO9001 证书号: 17422Q21592R0S

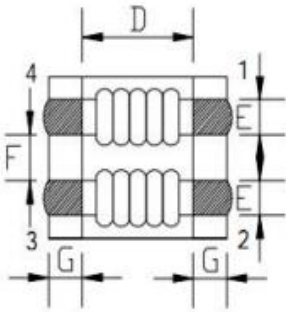
|                                                                                   |                |              |              |                               |
|-----------------------------------------------------------------------------------|----------------|--------------|--------------|-------------------------------|
|  |                | <h1>规格书</h1> |              | <div>RoHS<br/>COMPLIANT</div> |
| 产品型号                                                                              | CSMCW9070F-701 | 客户料号         | 511-103-0022 |                               |
| 产品名称                                                                              | 贴片共模电感         | 日期           | 2024/11/05   |                               |
| 变更记录                                                                              |                |              |              |                               |
| 变更次数                                                                              | 更改项目           | 更改前的内容       | 更改后的内容       | 更改日期                          |
|                                                                                   |                |              |              |                               |
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|                                                                                   |                |              |              |                               |
|                                                                                   |                |              |              |                               |
| 客户确认                                                                              |                | 核准           | 制表           | 制样                            |
|                                                                                   |                | 陈文凤          | 陈文凤          | 黄成宏                           |

|                                                                                                                                                                                 |                |      |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|--------------|
| <div><div><div>华锐达®<br/>COIL-RIDA</div></div><div>规格书</div><div>RoHS<br/>COMPLIANT</div></div> |                |      |              |
| 产品型号                                                                                                                                                                            | CSMCW9070F-701 | 客户料号 | 511-103-0022 |
| 产品名称                                                                                                                                                                            | 贴片共模电感         | 日期   | 2024/11/05   |

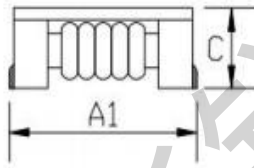
◆ 外形尺寸:(Unit: mm)



TOP VIEW



BOTTOM VIEW



SIDE VIEW

|     |         |
|-----|---------|
| A   | 9.0±0.5 |
| A1  | 9.5±0.5 |
| B   | 7.0±0.5 |
| C   | 4.8 Max |
| D   | 5.7Typ  |
| E   | 1.5±0.3 |
| F   | 2.0±0.3 |
| G   | 1.7±0.3 |
| XXX | 701     |

◆ 编号系统:

CSMCW      9070      F      -      701  
1                      2                      3                      4

1. 华锐达品名
2. 产品型号
3. F:黑盖白字    M:黄盖透明
4. 阻抗值    100=10Ω    101=100Ω    102=1000Ω

◆ 电气特性/ELECTRICAL CHARACTERISTIC:

| Item       | Z(Ω)<br>100MHz/0.1V |     | DCR<br>(mΩ)<br>Max. | Rated Current<br>(A)<br>Max | IR<br>(mΩ)<br>Min | Rated Volt.<br>(V)<br>Max |
|------------|---------------------|-----|---------------------|-----------------------------|-------------------|---------------------------|
|            | Min                 | Typ |                     |                             |                   |                           |
| CSMCW9070F | 500                 | 700 | 10                  | 5.0                         | 10                | 50                        |

❖ Rated Current: Temp.rise 40°C Typ

❖ 测试仪器:

Z(Ω):HP4395A

RDC(Ω):CH502BC

Rated Current(A):CH1062A+CH1320

IR(MΩ):CH19073

Rated Voltage(V):CH9052

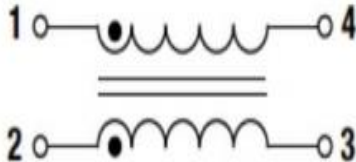
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|------|-----|-----|-----|
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|      | 陈文凤 | 陈文凤 | 黄成宏 |

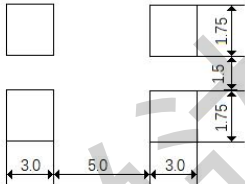


规格书

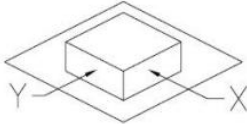
RoHS  
COMPLIANT

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◆ 推荐焊盘:

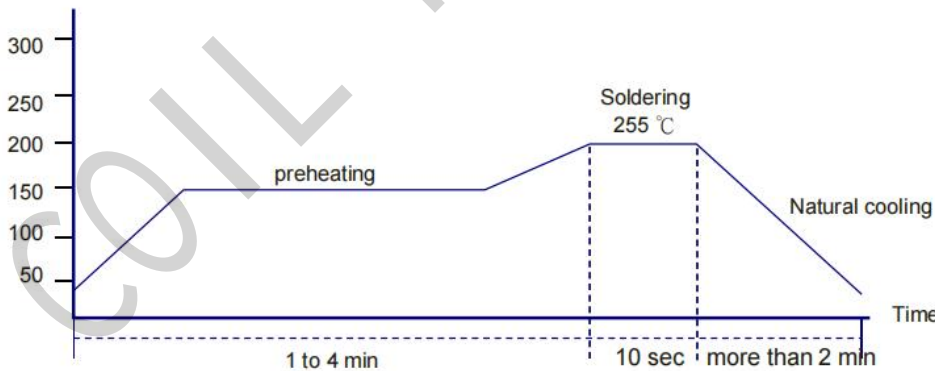
◆ 可靠性测试:

|                                    |                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature              | - 30 to + 100 °C ( Contain Heating coil )                                                                                                                                                                                                                                                        |
| Appearance Inspection              | No external defects by visual inspection                                                                                                                                                                                                                                                         |
| Terminal Strength                  |  <p>After soldering , between copper plaet and terminals of coils , push in two directions of X , Y with standing 10N(1.02kg) for10+/-2 sec.<br/>Terminal should not peel off. ( Refer to figure at right )</p> |
| Heat endurance of reflow soldering | Refer to figure                                                                                                                                                                                                                                                                                  |
| Insulating resistance              | Over 100 MΩ at 100V D.C . between wire and core .                                                                                                                                                                                                                                                |
| Dielectric Strength                | Apply at 0.5KV 3mA for 1 minute between wire and core .                                                                                                                                                                                                                                          |
| Temperature characteristics        | Inductance coefficient ( 0~2,000 ) × 10 / °C ( - 30 ~ + 100 °C )                                                                                                                                                                                                                                 |
| Humidity characteristics           | Inductance deviation within ± 10% , after 96 hours in 90~95% relative humidity at 40 ± 2 °C and 1 hours drying under normal condition .                                                                                                                                                          |

A test is made under the above mentioned condition , and it is kept for 2 hours in the normal

IR Reflow profile

Temperature °C



Time

1 to 4 min 10 sec more than 2 min

Temperature and humidity . After that , no mechanical and electrical defect should be found .

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**RoHS  
COMPLIANT**

产品型号

CSMCW9070F-701

客户料号

511-103-0022

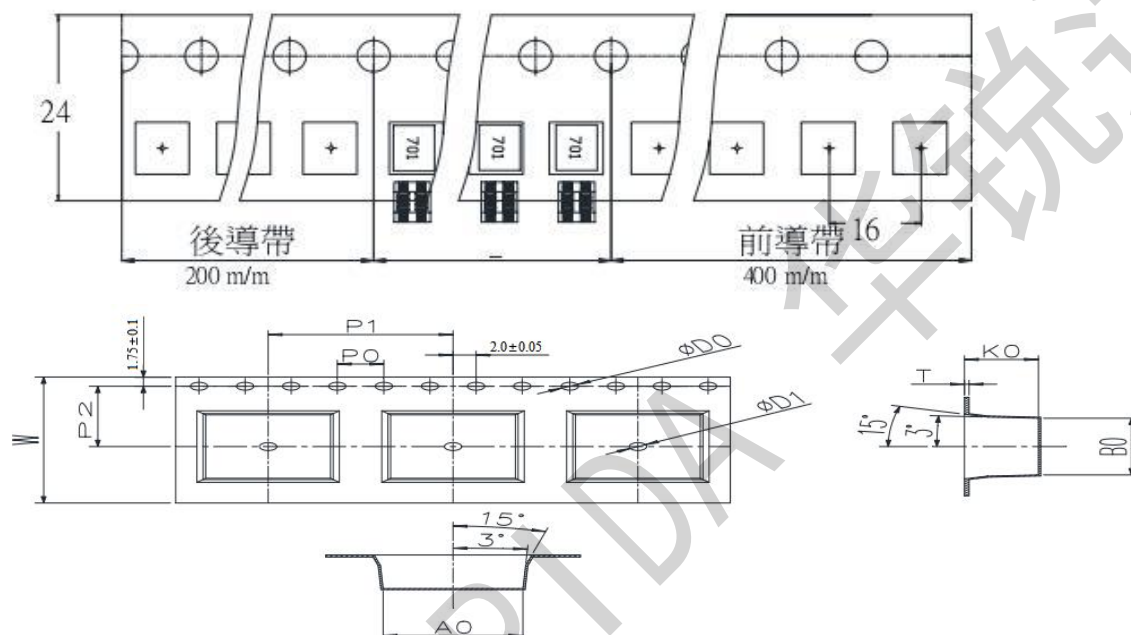
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贴片共模电感

日期

2024/11/05

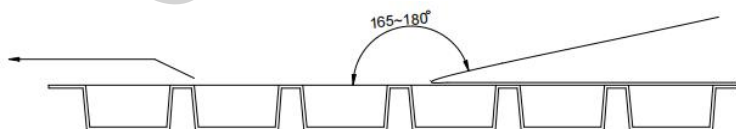
### ◆ TAPING SPECIFICATIONS:



| ITEM | W      | Ao       | Bo       | Ko       | P1     | Do       | D1       | Po      | T         | P2      | Marking |
|------|--------|----------|----------|----------|--------|----------|----------|---------|-----------|---------|---------|
| 7060 | 16±0.1 | 6.6±0.1  | 7.6±0.1  | 3.4±0.05 | 12±0.1 | 1.5+1/-0 | 1.5+1/-0 | 4.0±0.1 | 0.35±0.05 | 7.5±0.1 | XXX     |
| 9070 | 24±0.1 | 7.6±0.1  | 9.6±0.1  | 5.7±0.05 | 12±0.1 | 1.5+1/-0 | 1.5+1/-0 | 4.0±0.1 | 0.35±0.05 | 12±0.1  | 701     |
| 1211 | 24±0.1 | 11.3±0.1 | 12.5±0.1 | 6.6±0.05 | 16±0.1 | 1.5+1/-0 | 1.5+1/-0 | 4.0±0.1 | 0.45±0.05 | 12±0.1  | XXX     |
| 1513 | 24±0.1 | 13.5±0.1 | 15.5±0.1 | 6.6±0.05 | 16±0.1 | 1.5+1/-0 | 1.5+1/-0 | 4.0±0.1 | 0.45±0.05 | 12±0.1  | XXX     |

Transparent carrier and cover tape/透明载带和覆盖带

Adhesive strength of cover tape is 20 to 120 gf



|      |     |     |     |
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## 客户确认

核准

制表

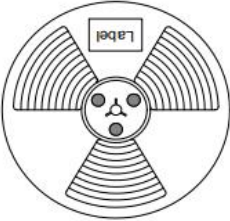
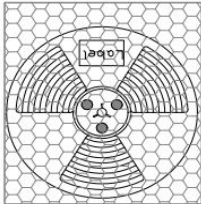
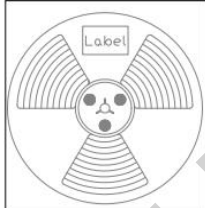
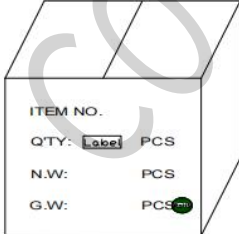
制样

陈文凤

陈文凤

黃成宏

|                                                                                   |                |              |              |                               |  |
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|                                                                                     |                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|    | <p>1、轮盘规格：13"(直径 330mm)<br/>数量：700PCS/盘<br/>作业说明：A.摆料方向为字首朝导带孔.<br/>B.载带尾部用美纹胶纸固定.</p>                          |
|   | <p>2、数量：700PCS/袋.<br/>作业说明:编带检查好的产品装进 PE 中.</p>                                                                 |
|  | <p>3、数量：1400PCS/盒<br/>作业说明：标签朝上装入内盒里面，将内盒盖扣好.</p>                                                               |
|  | <p>4、数量：7000PCS/箱.<br/>作业说明：A.先将外箱底部封好，内盒装进外箱里面.<br/>B.将内盒装进外箱里面后，并用透明胶带封好外箱顶部.<br/>C.当尾数箱不足一整箱时需用内盒或填充物装满.</p> |

|      |     |     |     |
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