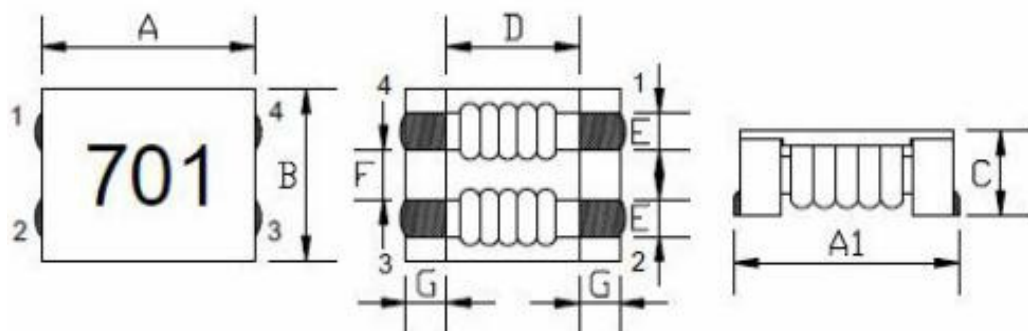
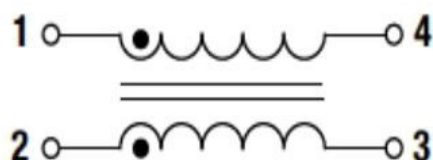


/DIMENSION (UNIT : mm)



| | |
|----|---------|
| A | 9.0±0.5 |
| A1 | 9.5±0.5 |
| B | 7.0±0.5 |
| C | 4.8Max |
| D | 5.7Typ |
| E | 1.5±0.2 |
| F | 2.0±0.2 |
| G | 1.7±0.2 |
| | |

/CIRCUIT DIAGRAM



ELECTRICAL CHARACTERISTIC

| P/N | Z(Ω) @100MHz | | RDC (mΩ) Max | Rated Current (A) Max | IR (MΩ) Min | Rated Voltage (V) Max | Mark |
|----------------|-----------------|------|--------------------|-----------------------------|-------------------|-----------------------------|------|
| | Min | Typ | | | | | |
| SMW9070S301RTT | 225 | 300 | 6 | 6.0 | 10 | 50 | 301 |
| SMW9070S501PTT | 450 | 600 | 8 | 5.0 | 10 | 50 | 501 |
| SMW9070S701PTT | 500 | 700 | 10 | 5.0 | 10 | 50 | 701 |
| SMW9070S102NTT | 750 | 1000 | 13 | 4.0 | 10 | 50 | 102 |
| SMW9070S222KTT | 1700 | 2200 | 60 | 2.5 | 10 | 50 | 222 |

測試儀器

注意事項

1. 平貼度为 0.10mmMax.
2. 特性测试方法

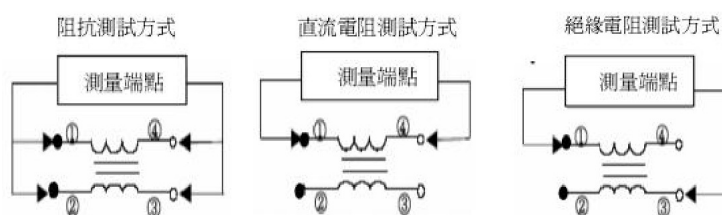
Z(Ω):HP4395A

RDC(Ω):CH502BC

Rated Current(A):CH1062A+CH1320

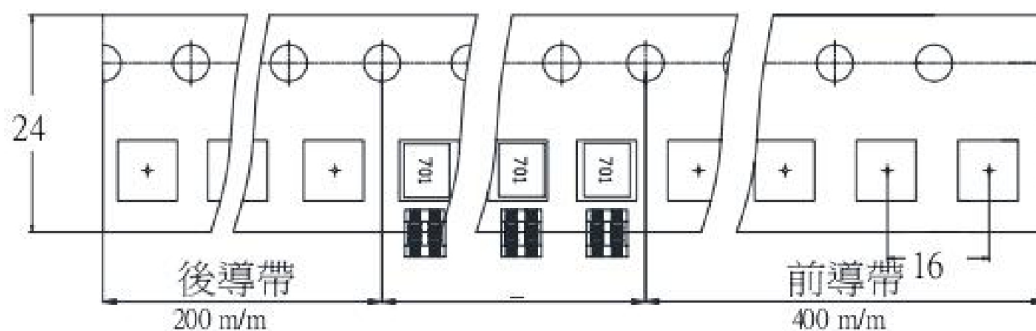
IR(MΩ):CH19073

Rated Voltage(V):CH9052



MATERIAL LIST

| NO. | ITEM | DESCRIPTION | SUPPLIER |
|-----|--------|-------------|-------------------|
| 1 | CORE | FERRITE | SINCORES OR EQ |
| 2 | WIRE | 2UEW P180 | ELEKTRISOLA OR EQ |
| 3 | 膠帶 | DM 膠帶 | HENGRENXIN OR EQ |
| 4 | SOLDER | Sn Cu | SHENMAO OR EQ |
| 5 | EPOXY | ME-5890 | PENGNO OR EQ |
| 6 | INK | 黑色 | BON MARK |
| | | | |

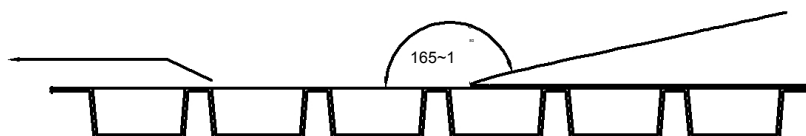
TAPING SPECIFICATIONS


起始字需对准定位孔, 印字仅供参考

Transparent carrier and cover tape/透明載帶和覆蓋帶

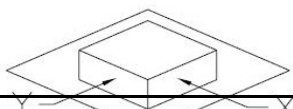
Adhesive strength of cover tape is 20 to 120 gf

The conduction band direction

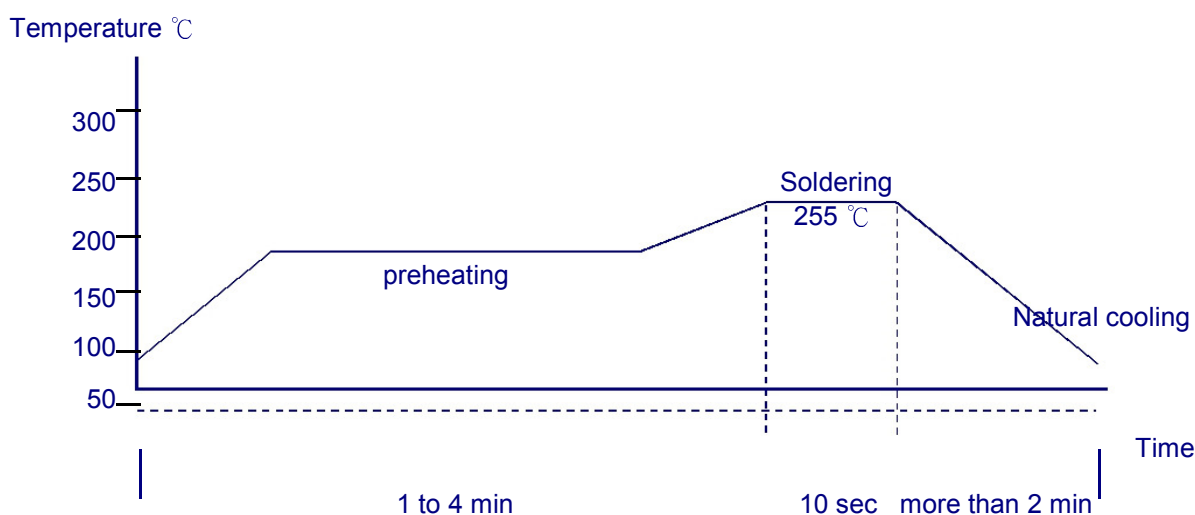


RELIABILITY TESTING

| | |
|------------------------------------|--|
| Operating Temperature | - 30 to + 100 °C (Contain Heating coil) |
| Appearance Inspection | No external defects by visual inspection |
| Terminal Strength | After soldering , between copper plaet and terminals of coils , push in two directions of X , Y with standing 10N(1.02kg) for10+/-2 sec. Terminal should not peel off. (Refer to figure at right) |
| 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 . |

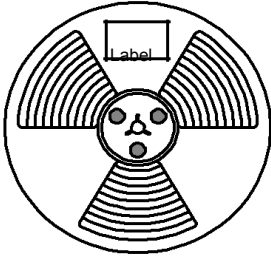
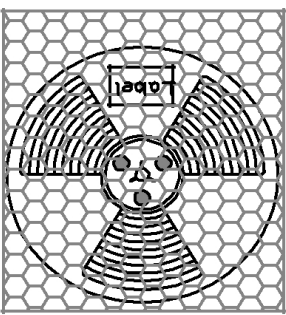
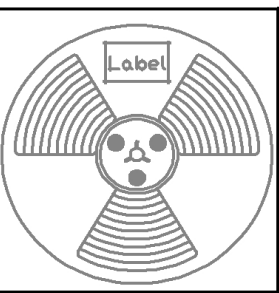
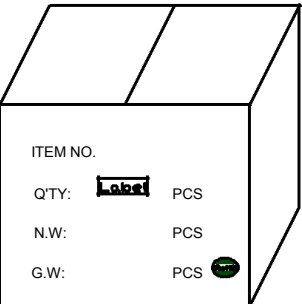


A test is made under the above mentioned condition , and it is kept for 2 hours in the normal

IR Reflow profile


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

七. 包装方式/PACKING LIST

| | |
|---|---|
|  | <p>1、轮盘规格：13'(直径 330mm) 数量：700PCS/盘</p> <p>作业说明：A.摆料方向为字首朝导带孔. B.载带尾部用美纹胶纸固定.</p> |
|  | <p>2、数量：700PCS/袋.</p> <p>作业说明:编带检查好的产品装进 PE 中.</p> |
|  | <p>3、数量：1400PCS/盒</p> <p>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.</p> <p>作业说明：A.先将内、外箱底部封好，内箱装进外箱里面. B.将内盒装进内、外箱里面，并用透明胶带封好外箱顶部. C.在外箱位置贴一张外箱标签. D.当尾数箱不足一整箱时需用内盒或填充物装满.</p> |