

产品承认书

SPECIFICATION FOR APPROVAL

客户名称
CUSTOMER NAME.

产品类型
PRODUCT TYPE 共模电感

客户料号
CUSTOMER P/N XRACM-7060F-SERIES

料号
OURS P/N XRACM-7060F-SERIES

文件编号
FILE NO.

| 批准 <i>APPROVED</i> | 确认 <i>CHECKED</i> | 作成 <i>DESIGN</i> |
|-----------------------|----------------------|---------------------|
| chen | lin | ming |

| 客户承认/ <i>CUSTOMER ACCEPTED</i> | | |
|--------------------------------|----------------------|---------------------|
| 承认 <i>APPROVED</i> | 确认 <i>CHECKED</i> | 承办 <i>DESIGN</i> |
| | | |
| 批注/ <i>REMARK</i> | | |

承认书/SPECIFICATION FOR APPROVAL

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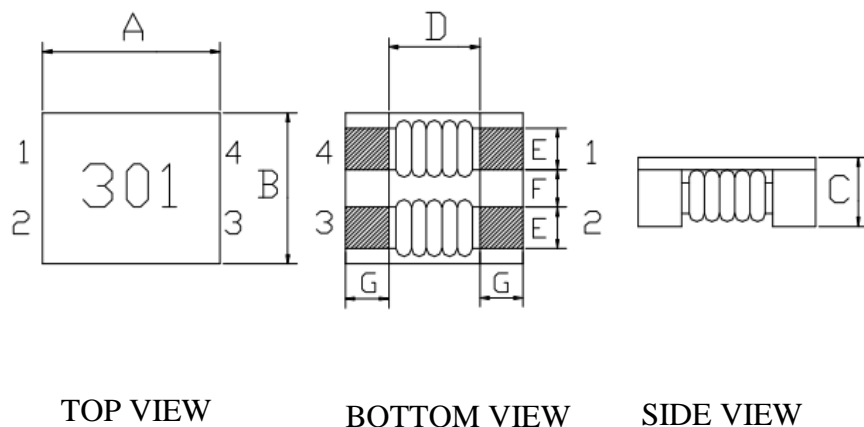
修改记录/MODIFY RECORDS

| 版别 REV. | 变更编号 ECN NO. | 修改内容 MODIFY CONTENT | 拟制 DRAWING | 审核 CHECKED | 批准 APPROVED |
|------------|-----------------|------------------------|-------------------|---------------|----------------|
| A | | 新发行 | ming 2022/5/26 | lin | chen |
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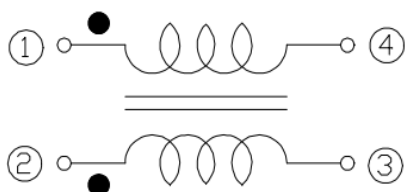
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一.外观图/DIMENSION (单位/UNIT: mm)



| | |
|---|-----------|
| A | 7.0 ±0.5 |
| B | 6.0 ±0.5 |
| C | 3.8MAX |
| D | 3.5typ |
| E | 1.5 ±0.2 |
| F | 1.5 ±0.2 |
| G | 1.75 ±0.2 |
| | |
| | |
| | |
| | |

二. 电路图/CIRCUIT DIAGRAM



三. 电气特性/ELECTRICAL CHARACTERISTIC

| P/N | Z(Ω) at 100MHZ | | RDC(Ω) | Rated Current | IR | Rated Voltage |
|-----------------|-------------------|------|--------------|------------------|----------|------------------|
| | Min | Typ | Max (1 LINE) | (A) Max | (MΩ) Min | (V)Max |
| XRACM-7060F-101 | 100 | 140 | 10m | 9 | 10 | 80 |
| XRACM-7060F-301 | 225 | 300 | 10m | 5 | 10 | 80 |
| XRACM-7060F-501 | 275 | 350 | 10m | 5 | 10 | 80 |
| XRACM-7060F-601 | 500 | 700 | 15m | 4 | 10 | 80 |
| XRACM-7060F-701 | 500 | 700 | 15m | 4 | 10 | 80 |
| XRACM-7060F-102 | 800 | 1020 | 17m | 3 | 10 | 80 |
| XRACM-7060F-132 | 910 | 1300 | 21m | 2.5 | 10 | 80 |

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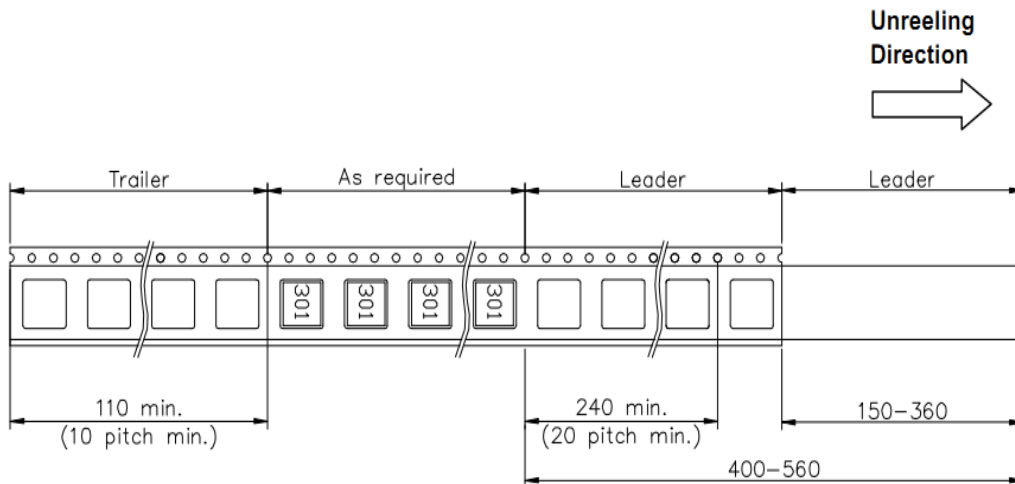
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四. 材料清单/MATERIAL LIST

| NO. | ITEM | DESCRIPTION | SUPPLIER |
|-----|----------|-------------|-----------------|
| 1 | CORE | FERRITE | FYE OR EQ |
| 2 | WIRE | 2UEW P180 | PACIFIC OR EQ |
| 3 | INK | WHITE | BON OR EQ |
| 4 | ADHESIVE | EPOXY RESIN | SHAW HUOW OR EQ |
| 5 | CASE | LCP | LANCHENG OR EQ |
| 6 | SOLDER | SN CU | SHENMAO OR EQ |
| | | | |
| | | | |

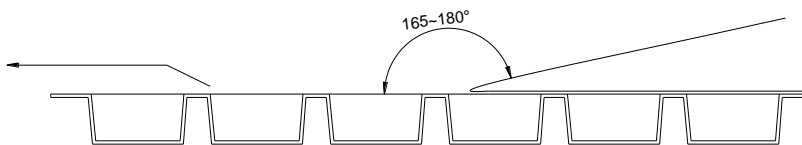
五. 编带规格/TAPING SPECIFICATIONS



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

Adhesive strength of cover tape is 20 to 120 gf

The conduction band direction



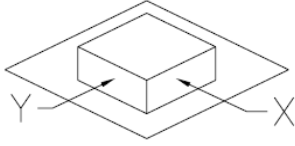
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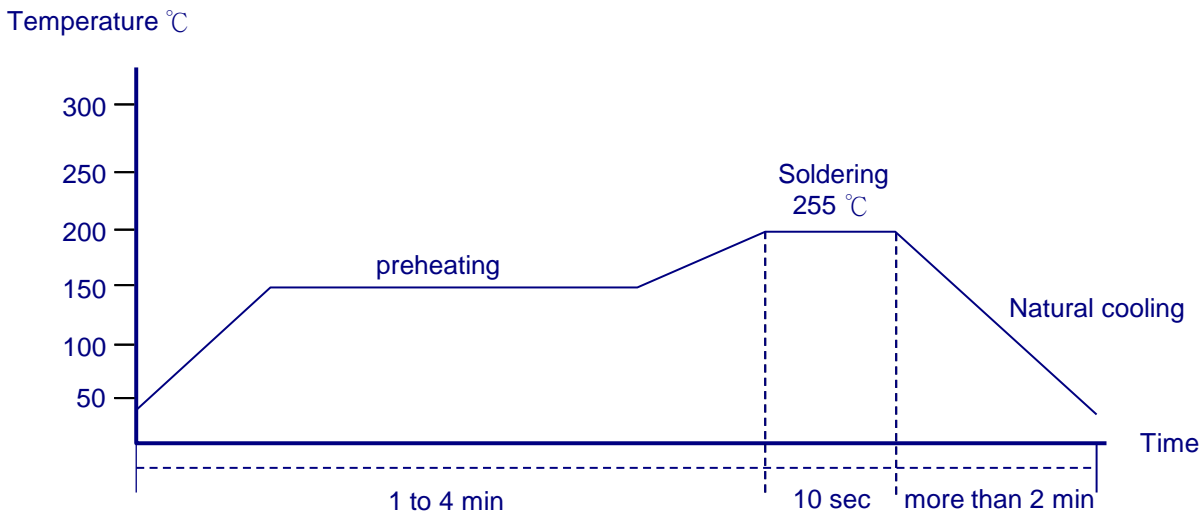
六. 可靠性测试/RELIABILITY TESTING

| | |
|------------------------------------|--|
| 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



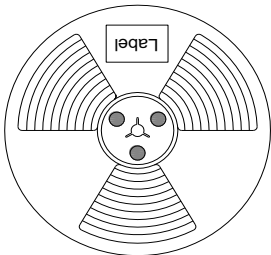
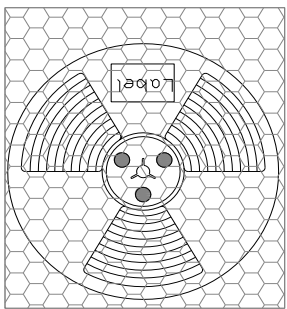
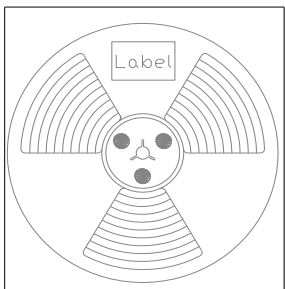
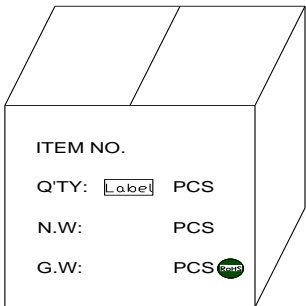
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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七. 包装方式/PACKING LIST

| | | | | | |
|---|---|-----------|------------|-----------|-------------|
|  | <p>1、轮盘规格：13'(直径330mm) 数量：1500PCS/盘 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：1500PCS/袋。 作业说明:编带检查好的产品装进PE中。</p> | | | | |
|  | <p>3、数量：4500PCS/盒 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：22500PCS/箱。 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> | | | | |
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