

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

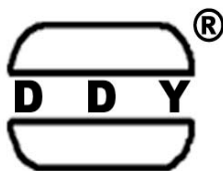
DESCRIPTION: WIRE WOUND CHIP INDUCTOR

DDY PART NO: WI0603AQD系列

CUSTOMER MODEL NO: _____

| DRAWING | | |
|---------|-----------|----------|
| MADE | CHECKED | APPROVED |
| 谭晶晶 | 黄志伟 | 肖中华 |
| DATE: | 2024年6月4日 | |

| CUSTOMER APPROVE |
|------------------|
| |



惠州市德立电子有限公司
HUI ZHOU DE LI ELECTRONICS CO., LTD

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HUI ZHOU DE LI ELECTRONICS CO., LTD

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| CUSTOMER: | | REV NO: | A |
| DESCRIPTION: | WIRE WOUND CHIP INDUCTOR | PAGE NO: | PAGE 1 OF 6 |
| PART NO: | WI0603AQD系列 | SN. | |
| CUSTOMER NO: | | DATE: | 2024年6月4日 |

CATALOG

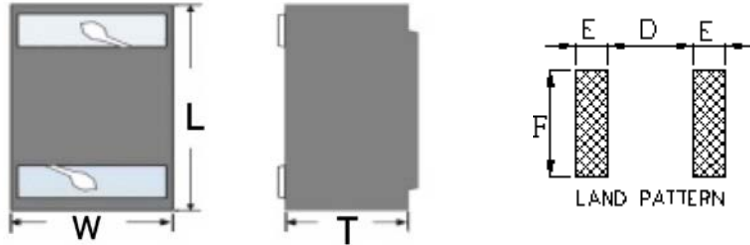
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1.SHAPE & DIMENSION



| CODE | | L(MAX) | W(MAX) | T(MAX) | E(Typ.) | F(Typ.) | D(Typ.) |
|-----------|-----------|--------|--------|--------|----------|----------|---------|
| DIMENSION | WI0603AQD | 1.80 | 1.25 | 1.10 | 0.64Typ. | 1.02Typ. | 0.64Typ |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

2. PART NUMBERING SYSTEM

WI 0603 AQD 2R2 M S T - HF
1 2 3 4 5 6 7 8

- PRODUCT SYMBOL (产品代号)
- DIMENSIONS (规格尺寸)
- MATERIAL (芯片类型)
- INDUCTANCE (电感量)
- TOLERANCE (公差) : $M \pm 20\%$
- TERMINAL (端电极材料) : S-锡端头
- PACKAGING (包装方式) : T-编带盘装; B-散装
- E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

3.GENERAL SPECIFICATION

- Rating DC current: Temperature rise(T) is 40°C approximately at Irms.
- Operating temp.: -40°C~ +85°C(Including self-generated heat).
- Storage temp.: -10°C ~ +40°C R.H.: 65% Max
- Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

| | | |
|-------------|------------|-------|
| APPROVED BY | CHECKED BY | DRAFT |
| 肖中华 | 黄志伟 | 谭晶晶 |

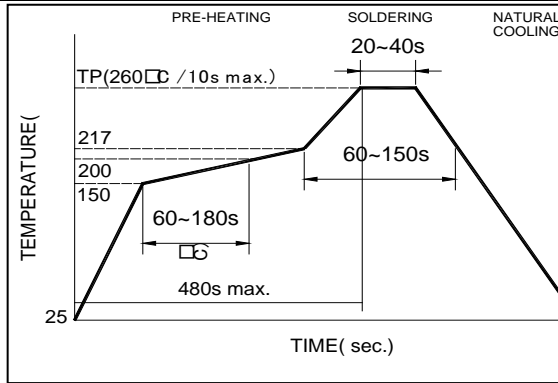


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5. SOLDERING CONDITIONS

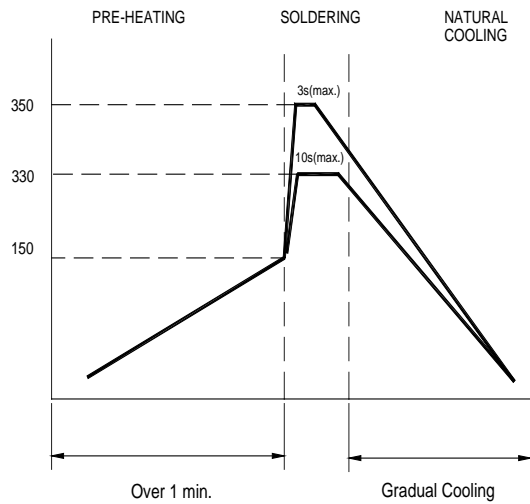
**Figure 1.
Re-flow
Soldering
(Lead Free)**



Note:

- Preheat circuit and products to 150°C
- 260°C tip temperature (max)
- Reflow times: no more than 2 times
- Solder paste thickness: the best 0.08mm is ,but max is 0.1mm

**Figure 2.
Hand
Soldering**



Note:

- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.

6. APPEARANCE STANDARD

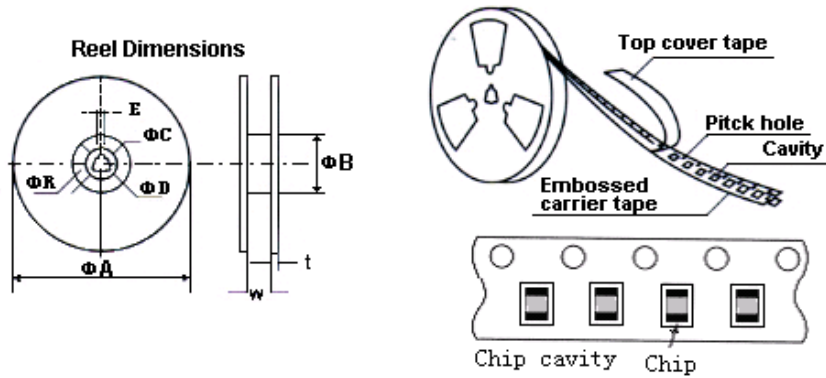
| Appearance Defect | Graphic | Judging Standard |
|---------------------|------------|---|
| Copper wire exposed | | Area of copper wire exposed in magnetic shield area less than 0.06 square millimeter is OK. |
| APPROVED BY | CHECKED BY | DRAFT |
| 肖中华 | 黄志伟 | 谭晶晶 |



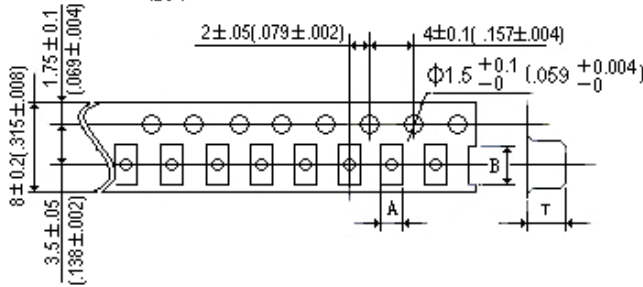
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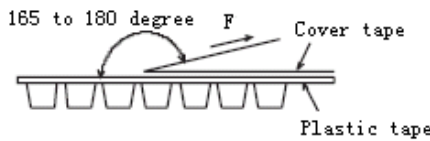
7. PACKAGING(unit: mm)



胶带 POLYSTYRENE TAPE



Peeling off force
Pull strength
0402~1210: 20g~80g
Speed of peeling off:
300mm/min \pm 10%



| | A | B | T |
|----|------|------|------|
| | Typ | Typ | Typ |
| 胶带 | 1.15 | 1.83 | 0.95 |

| ΦA | ΦB | ΦC | ΦD | E | W | t |
|----------|----------|----------|----------|-----|-----|-----|
| Typ | Typ | Typ | Typ | Typ | Typ | Typ |
| 178 | 60 | 13 | 21 | 2 | 8.4 | 2 |

包装数量(PACKAGING QUANTITY): 4000Pcs/盘

注意:

此物料不涉及汽车或相关产品方面的应用, 否则, 由此引起的一切品质和责任问题, 我司将概不承担。

| APPROVED BY | CHECKED BY | DRAFT |
|-------------|------------|-------|
| 肖中华 | 黄志伟 | 谭晶晶 |