

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

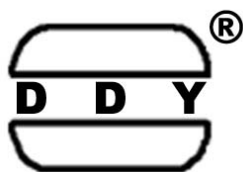
DESCRIPTION: WIRE WOUND CHIP INDUCTOR

DDY PART NO: WI0805LD100KST-C-HF

CUSTOMERMODELNO:

| DRAWING | | |
|---------|-------------|----------|
| MADE | CHECKED | APPROVED |
| 聂旭彬 | 黄志伟 | 陈启善 |
| DATE: | 2021年11月15日 | |

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

廣東省博羅縣洲際工業園梅園三路
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HUIZHOU DELI ELECTRONICS CO., LTD

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CATALOG

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1.SHAPE & DIMENSION

UNIT:mm

| | | | | | | | |
|-----------|---------|---------|---------|----------|----------|----------|--|
| CODE | L | W | T | E | F | D | |
| DIMENSION | 2.40MAX | 1.73MAX | 1.52MAX | 1.02Typ. | 1.78Typ. | 0.76Typ. | |

2. ELECTRICAL CHARACTERISTICS @25°C

| ITEM | SPEC. RANGE | TEST CONDITION | TEST INSTRUMENTS |
|-----------|-------------|----------------|------------------|
| L (μH) | 10±10% | 2.5MHz/0.5V | HP4286A |
| Q 值 | 14 Typ | 2.5MHz/0.5V | |
| Rdc (Ω) | 1.17 MAX | | 502BC |
| Irms (mA) | 290 MAX | | TH2829A+TH1778A |
| SRF (MHz) | 25 Typ | | E5071C ENA |

3. PART NUMBERING SYSTEM

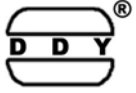
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1 **2** **3** **4** **5** **6** **7** **8**

- 1 PRODUCT SYMBOL (产品代号)
- 2 DIMENSIONS (规格尺寸)
- 3 MATERIAL (芯片类型)
- 4 INDUCTANCE (电感量)
- 5 TOLERANCE (公差) : J±5%; K±10%; M±20%
- 6 TERMINAL (端电极材料) : S-锡端头;
- 7 PACKAGING (包装方式) : T-编带盘装; B-散装
- 8 E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

4.GENERAL SPECIFICATION

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

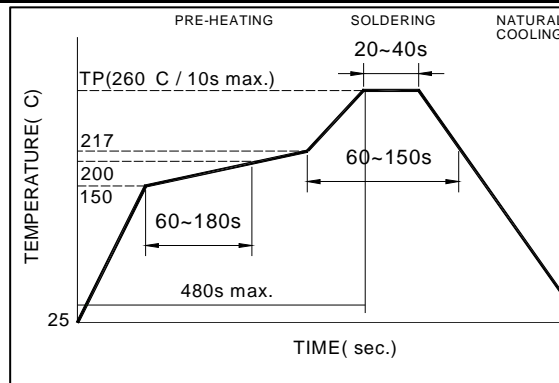
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| APPROVED BY | CHECKED BY | DRAFT |
| 陈启善 | 黄志伟 | 聂旭彬 |



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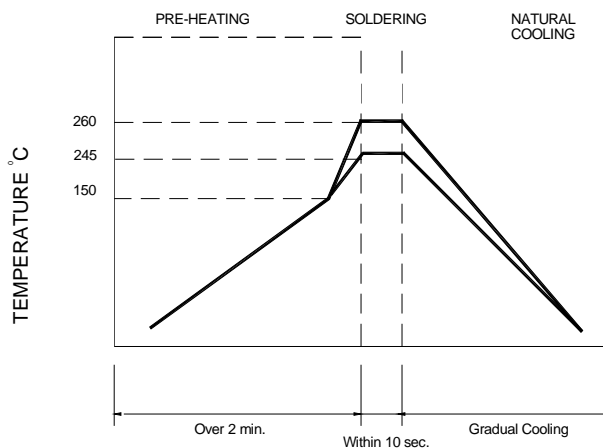
5. SOLDERING CONDITIONS

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



Note:

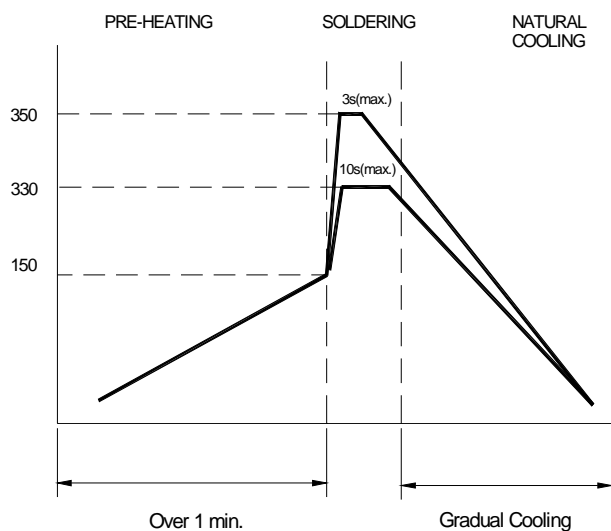
**Figure 2.
Wave Soldering**



Note :

- Never contact the ceramic with the iron tip
- 1.0mm tip diameter (max)

**Figure 3.
Hand Soldering**



Note:

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

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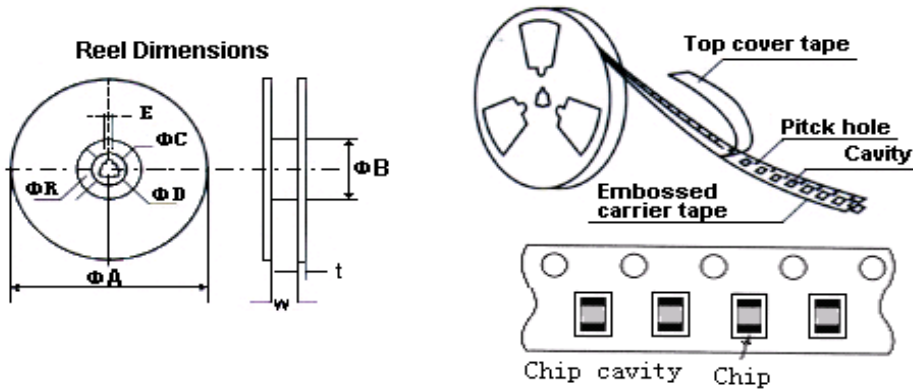


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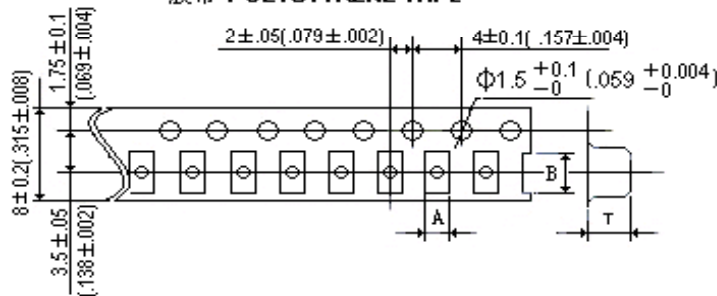
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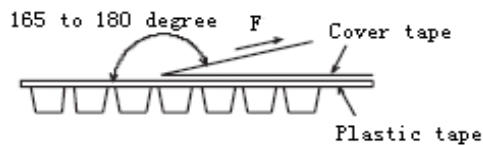
6. PACKAGING(unit: mm)



胶带 POLYSTYRENE TAPE



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



| | | | | |
|----|------|------|-----|------|
| 胶带 | | A | B | T |
| | 0805 | 1.85 | 2.4 | 1.45 |

| | | | | | | | | |
|------|-----|----|----|----|---|-----|---|---|
| Type | ΦA | ΦB | ΦC | ΦD | E | W | t | R |
| 0805 | 178 | 60 | 13 | 21 | 2 | 8.4 | 2 | 1 |

包装数量(PACKAGING QUANTITY): 2000Pcs/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。

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