

# 承認書

## SPECIFICATION FOR APPROVAL

CUSTOMER: \_\_\_\_\_ 2144 \_\_\_\_\_

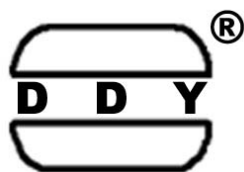
DESCRIPTION: \_\_\_\_\_ WIRE WOUND CHIP INDUCTOR \_\_\_\_\_

DDY PART NO: \_\_\_\_\_ WI0603LD100KST-C-HF \_\_\_\_\_

CUSTOMERMODELNO: \_\_\_\_\_

DRAWING		
MADE	CHECKED	APPROVED
聂旭彬	黄志伟	陈启善
DATE:	2021年11月8日	

CUSTOMER APPROVE



惠州市德立电子有限公司  
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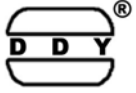
HUIZHOU DELI ELECTRONICS CO., LTD

CUSTOMER:	2144	REV NO:	A1.0
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 5
PART NO:	WI0603LD100KST-C-HF	SN.	
CUSTOMER NO:		DATE:	2021年11月8日

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**1.SHAPE & DIMENSION**

UNIT:mm

The drawings show a side view with dimensions L (length) and T (thickness), a top view with dimensions W (width) and a central dot labeled '棕' (brown), and a land pattern diagram with dimensions E, D, and F. The land pattern shows two rectangular pads separated by a gap D, with width E and height F.

CODE	L	W	T	E	F	D	
DIMENSION	1.80MAX	1.25MAX	1.20MAX	0.64Typ.	1.02Typ.	0.64Typ.	

**2. ELECTRICAL CHARACTERISTICS @25°C**

ITEM	SPEC. RANGE	TEST CONDITION	TEST INSTRUMENTS
L (μH)	10±10%	2.5MHz/0.5V	HP4286A
Q 值	14 MIN	2.5MHz/0.5V	
Rdc (Ω)	2.40 MAX		502BC
Irms (mA)	280 Typ		TH2829A+TH1778A
SRF (MHz)	36 Typ		E5071C ENA

**3. PART NUMBERING SYSTEM**

**WI**   □□□□   □□   □R□   □   □   □   —   □□  
**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 I<sub>rms</sub>.
- 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)

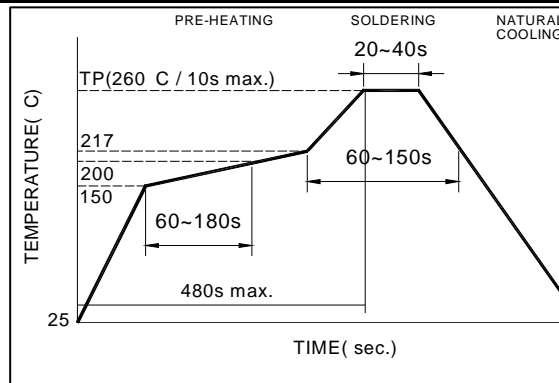
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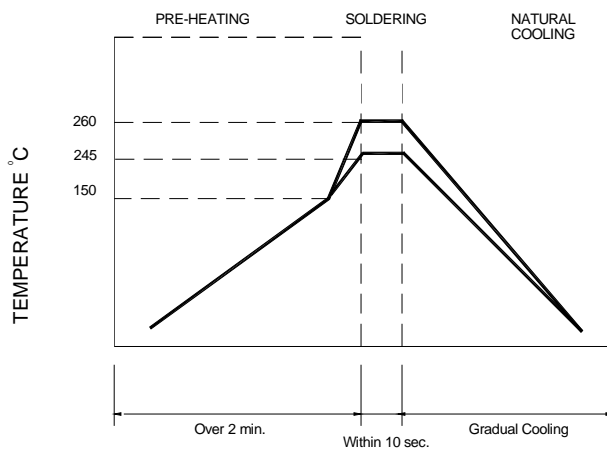
**5. SOLDERING CONDITIONS**

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



Note:

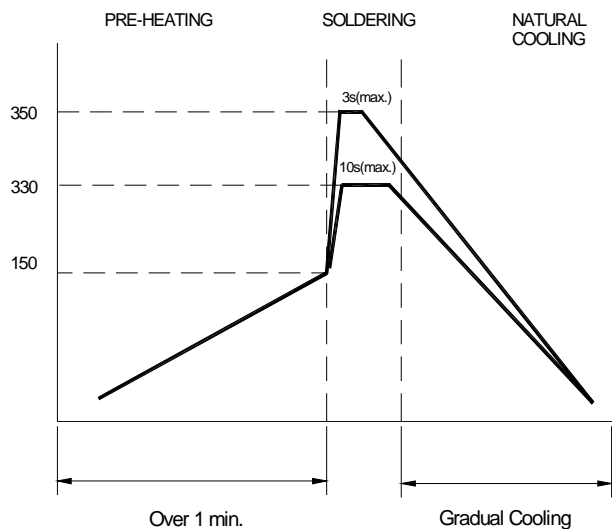
**Figure 2.  
Wave Soldering**



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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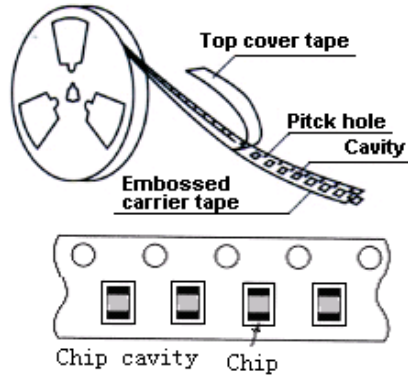
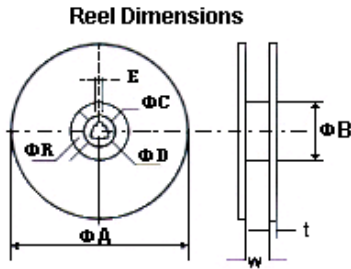


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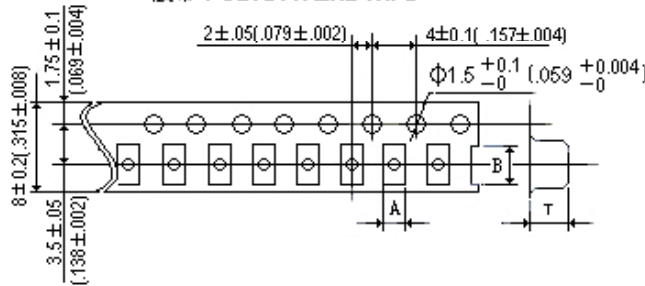
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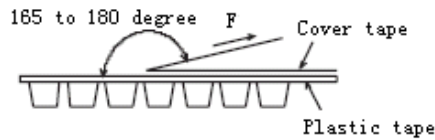
6. PACKAGING(unit: mm)



胶带 POLYSTYRENE TAPE



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



	A	B	T
	Typ	Typ	Typ
胶带	1.15	1.83	0.95

ΦA	ΦB	ΦC	ΦD	E	W	t	R
Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
178	60	13	21	2	8.4	2	1

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
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