

# 承認書

## SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

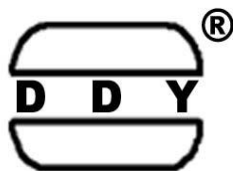
DESCRIPTION: WIRE WOUND CHIP INDUCTOR

DDY PART NO: WI0402IF系列

CUSTOMER MODEL NO: \_\_\_\_\_

DRAWING		
MADE	CHECKED	APPROVE
譚晶晶	黃志偉	肖中華
DATE:	2023年9月19日	

CUSTOMER APPROVE



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  
NO.3 MEI YUAN ROAD,ZHOU JI INDUSTRIAL AREA,BOLUO COUNTY GUANGDONG

電話：15970768093 13640935893

傳真：0752-6207969

郵編：516100

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惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 6
PART NO:	WI0402IF系列	SN.	
CUSTOMER NO:		DATE:	2023年9月19日

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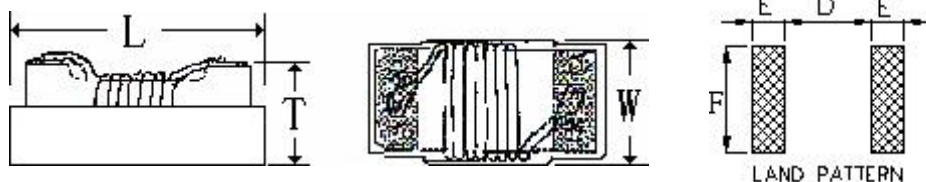
# 惠州市德立电子有限公司

## HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 3 OF 6
PART NO:	WI0402IF系列	SN.	
CUSTOMER NO:		DATE:	2023年9月19日

### 1.SHAPE & DIMENSION

UNIT:mm



CODE		L(MAX)	W(MAX)	T(MAX)	E(Typ.)	F(Typ.)	D(Typ.)
DIMENSION	WI0402IF	1.19	0.70	0.64	0.36	0.66	0.46

### 2. PART NUMBERING SYSTEM

**WI**   **0402**   **IF**   **R47**   **K**   **S**   **T**   **HF**  
**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

### 3.GENERAL SPECIFICATION

- Saturation DC current: Inductance drop approximately 30% of L0 at Isat.
- Operating temp.: -40℃~ +85℃
- Storage temp.: -10℃ ~ +40℃ R.H.: 65% Max
- Moisture sensitivity level (MSL) 2 (1 year floor life at <30℃/65% relative humidity)

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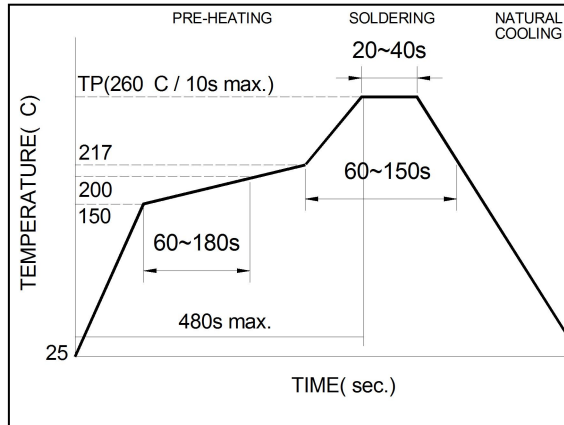




CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 5 OF 6
PART NO:	WI0402IF系列	SN.	
CUSTOMER NO:		DATE:	2023年9月19日

### 5. SOLDERING CONDITIONS

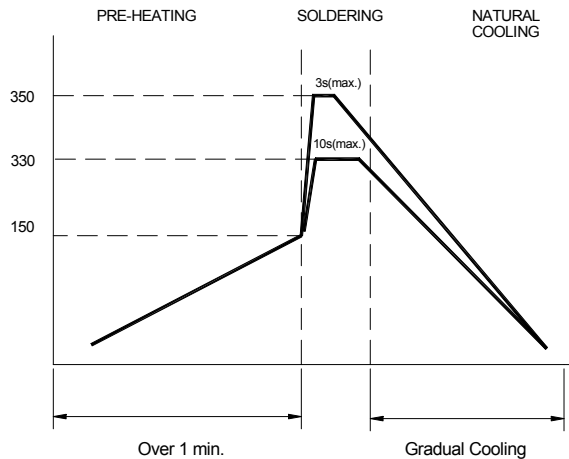
**Figure 1.  
Re-flow  
Soldering  
(Lead Free)**



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.

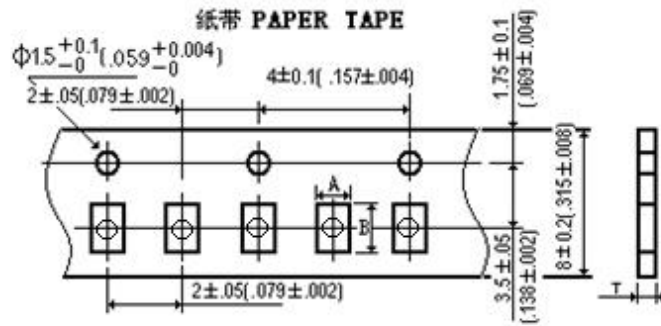
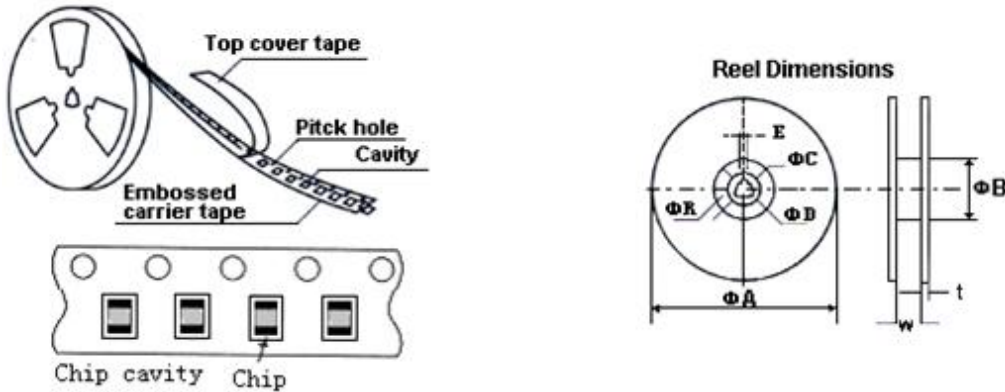
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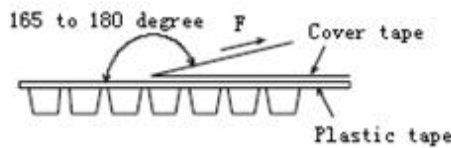
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6. PACKAGING(unit: mm)



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



	A	B	T
0402纸带	0.74	1.23	0.75

Type	ΦA	ΦB	ΦC	ΦD	E	W	t
402	178	60	13	21	2	8.4	2

包装数量(PACKAGING QUANTITY):10000Pcs/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

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