

# 承認書

## SPECIFICATION FOR APPROVAL

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

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

DDY PART NO: \_\_\_\_\_ WI1812PS系列 \_\_\_\_\_

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

DRAWING		
MADE	CHECKED	APPROVED
谭晶晶	黄志伟	肖中华
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

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惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:	2254	REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 6
PART NO:	WII812PS系列	SN.	
CUSTOMER NO:		DATE:	2023年9月19日

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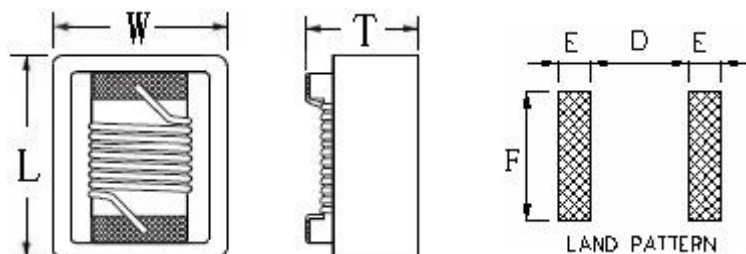
# 惠州市德立电子有限公司

## HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:	2254	REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 3 OF 6
PART NO:	WI1812PS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	WI1812PS	5.87	4.98	4.20	1.14	3.05	3.00

### 3. PART NUMBERING SYSTEM

**WI 1812 PS 4R7 M 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) 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. Saturation DC current: Inductance drop approximately 30% of L0 at Isat.
- b. Operating temp.: -40°C ~ +125°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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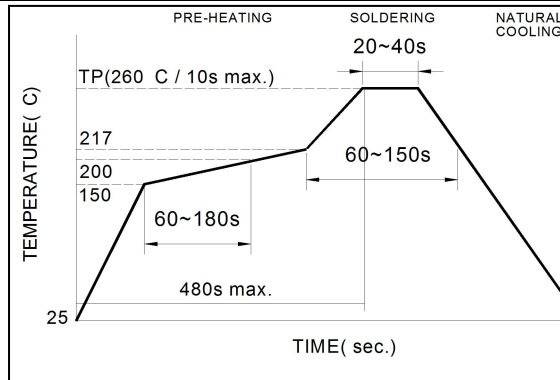




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DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 5 OF 6
PART NO:	WI1812PS系列	SN:	
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**6. SOLDERING CONDITIONS**

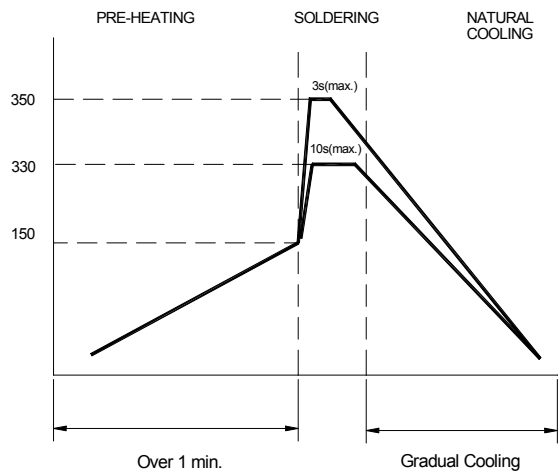
**Figure 1.  
Re-flow  
Soldering  
(Lead Free)**



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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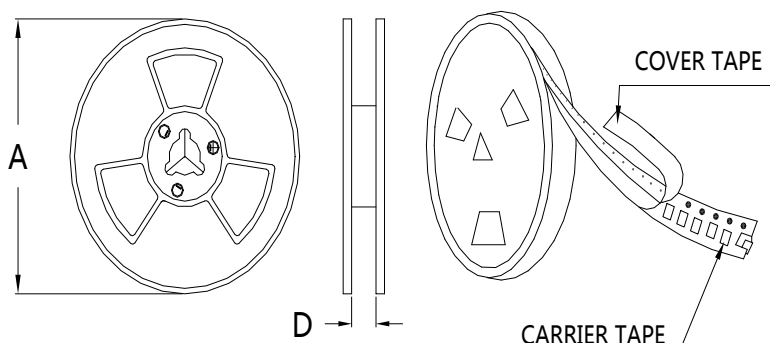


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DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 6 OF 6
PART NO:	WI1812PS系列	SN:	
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7. PACKAGING(unit: mm)

1.包装类型：编带装

2.包装尺寸： 13" 盘  7" 盘

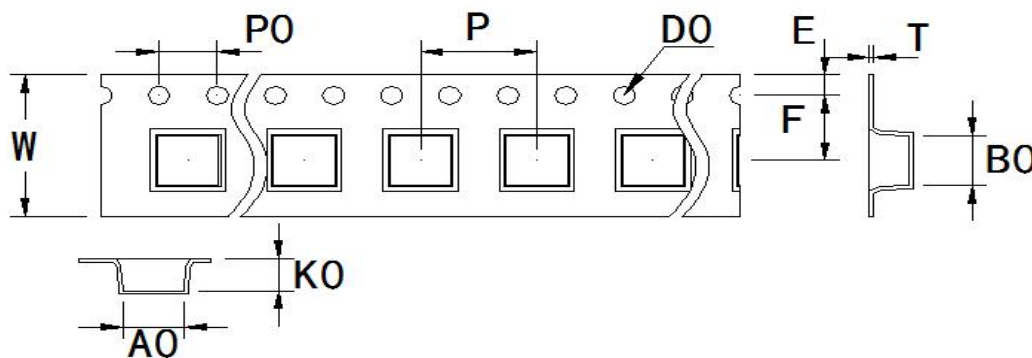
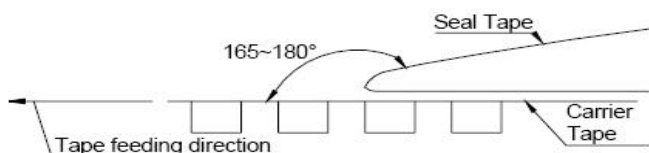


	13" 盘	7" 盘
A	Φ330±2.0	Φ178±2.0
D	12.5	

Peel-off strength:10~100gf.

Peel-off angle:165°-180°

Peel-off speed:300mm/min.



Item	W	A0	B0	KO	P	T	E	F	D0	P0		
DIM(mm)	12.0 ±0.3	5.2± 0.15	6.0± 0.15	4.0± 0.1	8.0± 0.1	0.35 ±0.1	1.75 ±0.1	5.5± 0.1	1.5± 0.1	4.0± 0.1		

3.包装数量: 1500 PCS / 卷

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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