

# 承認書

## SPECIFICATION FOR APPROVAL

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

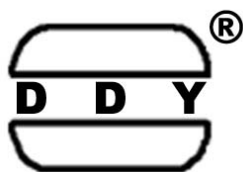
DESCRIPTION: \_\_\_\_\_ WIRE WOUND CHIP INDUCTOR \_\_\_\_\_

DDY PART NO: \_\_\_\_\_ WI0805IF100KST-HF \_\_\_\_\_

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

DRAWING		
MADE	CHECKED	APPROVED
谭晶晶	黄志伟	陈启善
DATE:	2021年12月20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

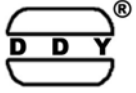
HUIZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:	2144	REV NO:	A1.0
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 6
PART NO:	WI0805IF100KST-HF	SN.	
CUSTOMER NO:		DATE:	2021年12月20日

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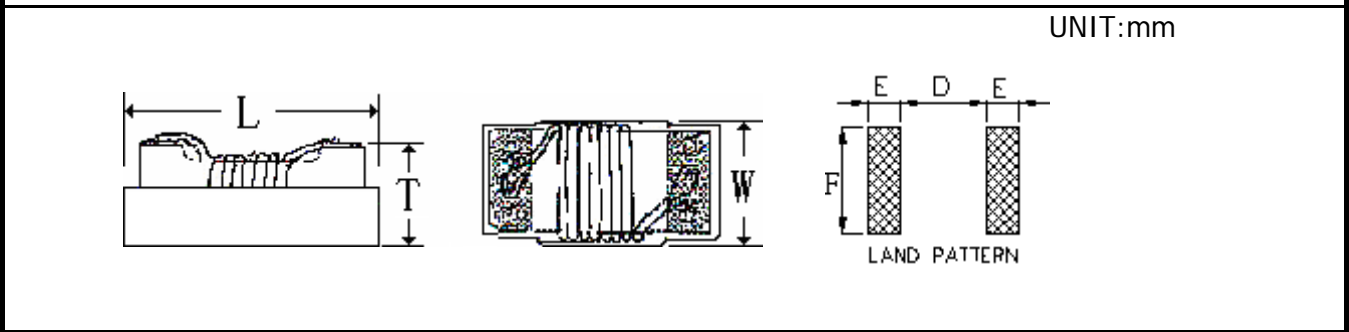


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### 1. SHAPE & DIMENSION



CODE	L	W	T	E	F	D	
DIMENSION	2.35MAX	1.73MAX	1.52MAX	1.02Typ.	1.78Typ.	0.76Typ.	

### 2. CHARACTERISTICS @25°C

ITEM	SPEC. RANGE	TEST CONDITION	TEST INSTRUMENTS
L (μH)	10±10%	2.5MHz/0.5V	HP4286A
Q 值	10 MIN	2.5MHz/0.5V	
Rdc (Ω)	3.20 MAX		502BC
Isat (mA)	150 MAX		TH2829A+TH1778A
SRF (MHz)	30 MIN		E5071C ENA

### 3. PART NUMBERING SYSTEM

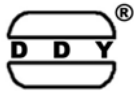
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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>		<b>8</b>

- 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)

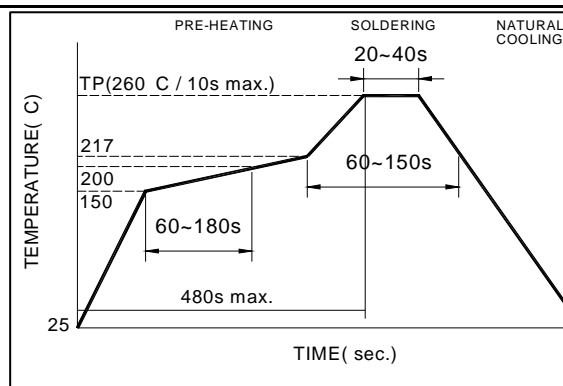
APPROVED BY	CHECKED BY	DRAFT
陈启善	黄志伟	谭晶晶



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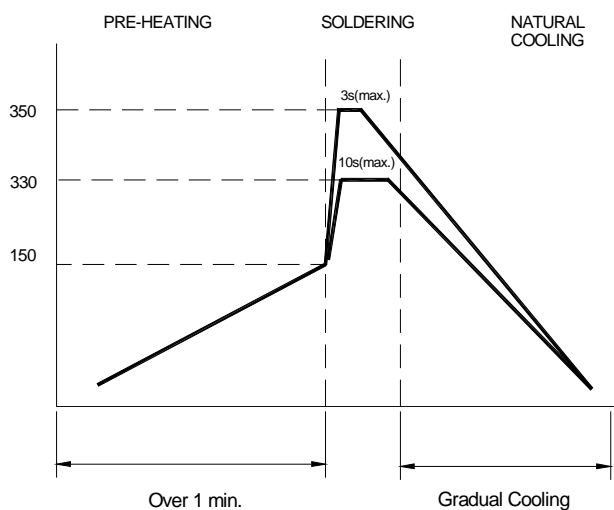
**6. SOLDERING CONDITIONS**

**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**



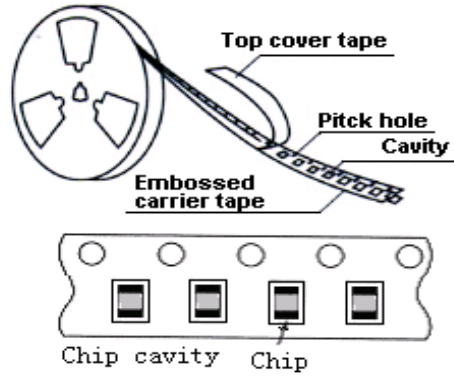
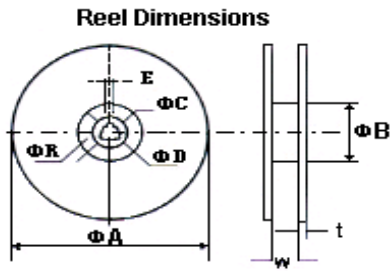
- Note:
- Use a 20 watt soldering iron with tip diameter of 1.0mm
  - Limit soldering time to 3 sec.

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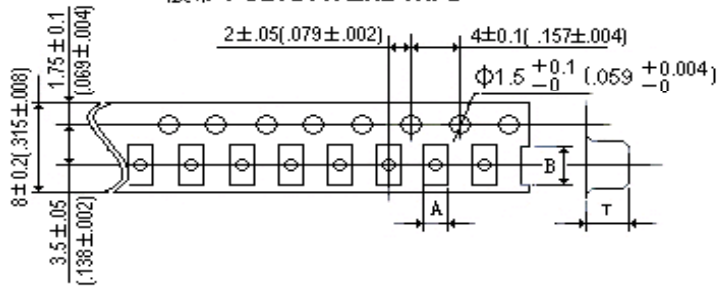


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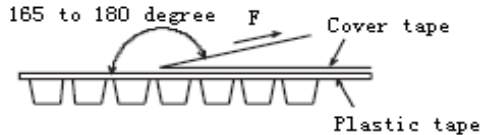
7. PACKAGING(unit: mm)



胶带 POLYSTYRENE TAPE



Peeling off force  
 Pull 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。

APPROVED BY	CHECKED BY	DRAFT
陈启善	黄志伟	谭晶晶

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