

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: _____ 2144 _____

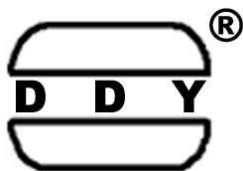
DESCRIPTION: _____ WIRE WOUND CHIP INDUCTOR _____

DDY PART NO: _____ WI0603IF100KST-HF _____

CUSTOMERMODELNO: _____

DRAWING		
MADE	CHECKED	APPROVED
譚晶晶	黃志偉	肖宗華
DATE:	2022年5月9日	

CUSTOMER APPROVE



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

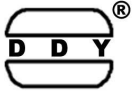
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NO.3 MEI YUAN ROAD,ZHOU JI INDUSTRIAL AREA,BOLUO COUNTY GUANGDONG

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Http://ddycoils.com



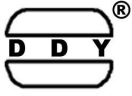
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DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 5
PART NO:	WI0603IF100KST-HF	SN.	
CUSTOMER NO:		DATE:	2022年5月9日

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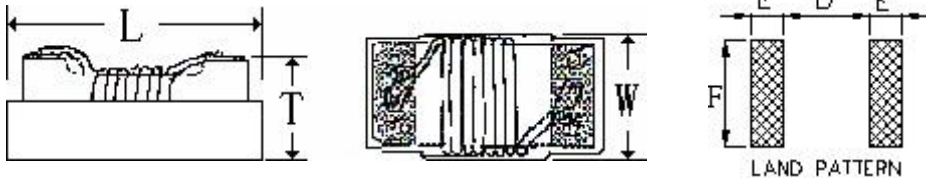
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1. SHAPE & DIMENSION

UNIT:mm



CODE	L	W	T	E	F	D	
DIMENSION	1.80MAX	1.25MAX	1.10MAX	0.64Typ.	1.02Typ.	0.64Typ.	

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)	4.80 MAX		502BC
Isat (mA)	180 MAX		TH2829A+TH1778A
SRF (MHz)	25 MIN		E5071C ENA

3. PART NUMBERING SYSTEM

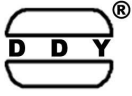
WI □□□□ □□ □R□ □ □ □ — □□
 1 2 3 4 5 6 7 8

- 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. Saturation DC current: Inductance drop approximately 30% of L0 at Isat.
- 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)

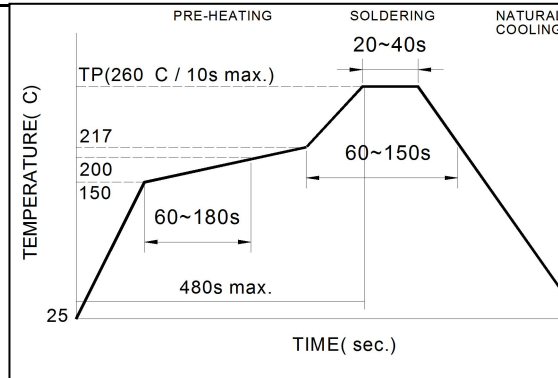
APPROVED BY	CHECKED BY	DRAFT
肖宗华	黄志伟	谭晶晶



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5. SOLDERING CONDITIONS

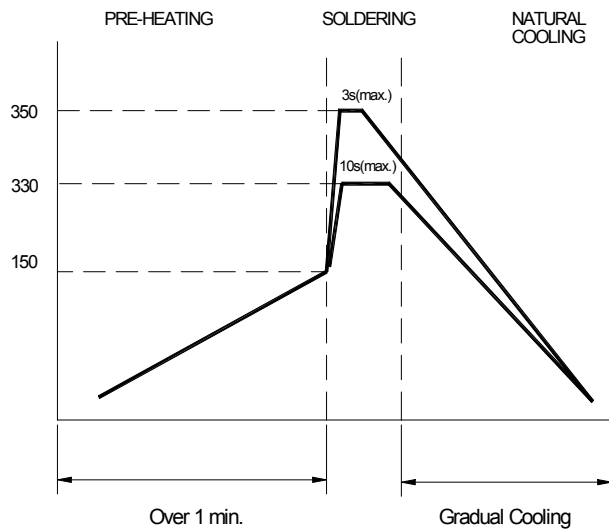
**Figure 1.
Re-flow
Soldering (Lead
Free)**



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

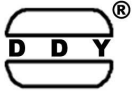
**Figure 2.
Hand Soldering**



Note:

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

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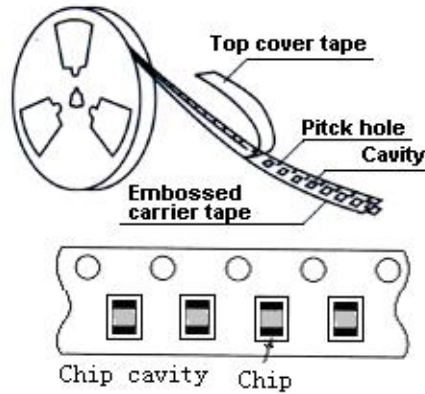
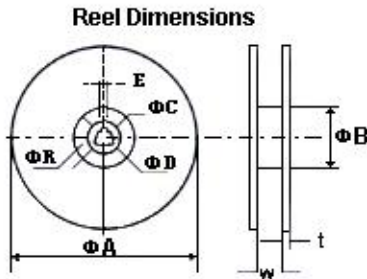


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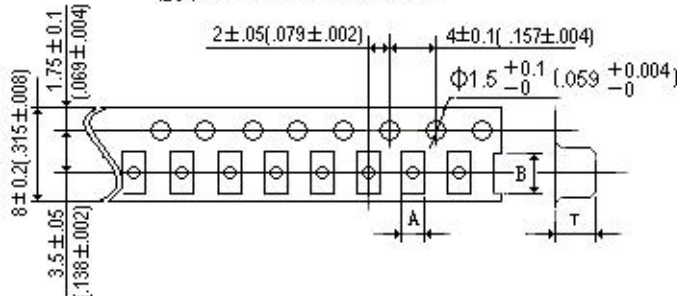
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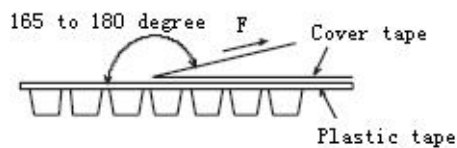
6. PACKAGING(unit: mm)



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
肖宗华	黄志伟	谭晶晶



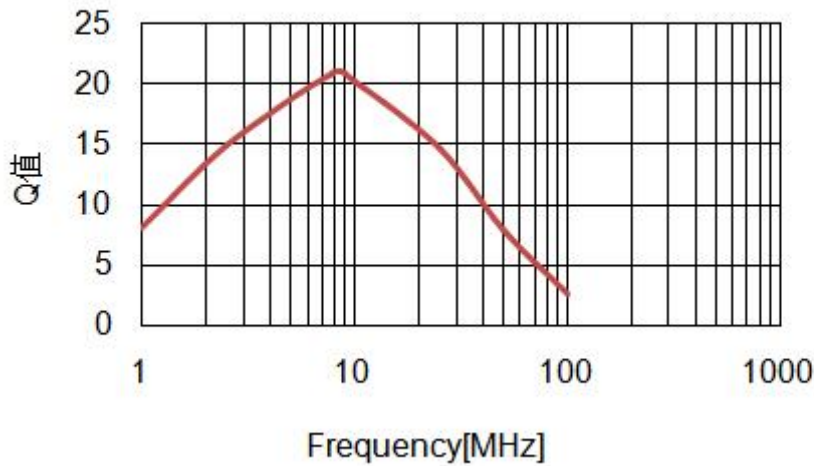
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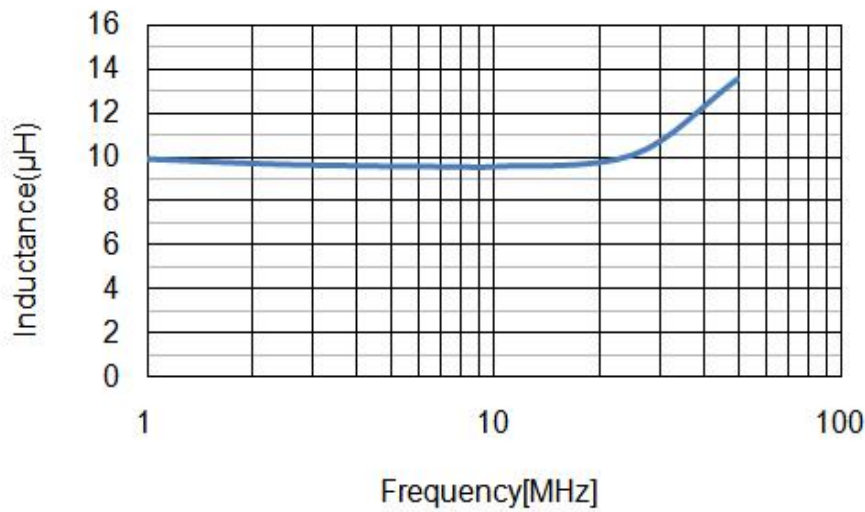
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7.ELECTRICAL CHARACTERISTIC CURVE

WI0603IF100KST-HF



WI0603IF100KST-HF



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