





惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A1.0
DESCRIPTION:	WIRE WOUND TYPE COMMON MODE FILTER	PAGE NO:	PAGE 1 OF 6
PART NO:	WBA0805D系列	SN.	
CUSTOMER NO:		DATE:	2020年12月18日

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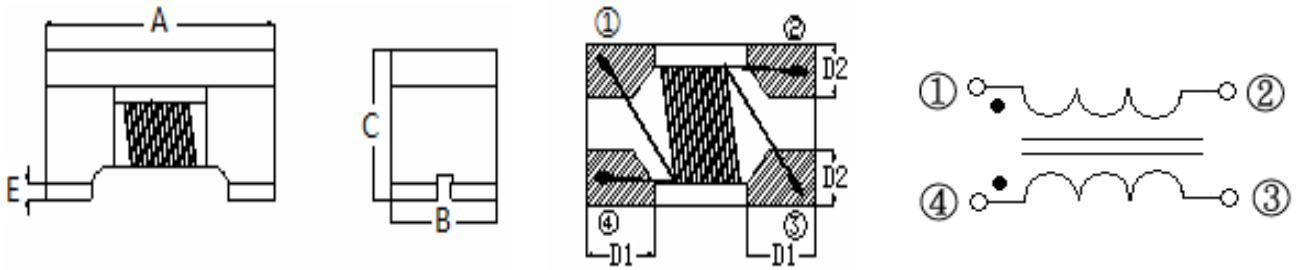


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**1. SHAPE & DIMENSION**

UNIT:mm



CODE	A	B	C	D1	D2	E
DIMENSION	2.0±0.2	1.2±0.2	1.2±0.2	0.55±0.1	0.45±0.1	0.15±0.1

**2. PART NUMBERING SYSTEM**

**WBA**   □□□□   □   □□□   □   □   —   □□  
 1   2   3   4   5   6   7

- 1 PRODUCT SYMBOL (产品代号)
- 2 DIMENSIONS (规格尺寸)
- 3 MATERIAL CODE (材料代号)
- 4 IMPEDANCE (阻抗)
- 5 TOLERANCE (公差) : P±25%; N±30%
- 6 PACKAGING (包装方式) : T-编带盘装; B-散装
- 7 E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

**3. GENERAL SPECIFICATION**

a. Storage temp.: -10°C~+40°C, R.H.: 30% ~ 70%, Operating temp.: -40°C ~ +125°C.

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### 4. TEST DATA FOR SAMPLES

NO.	Part Number	Z	Freq	Rdc	Idc	Rated Voltge	Insulation Resistance
		(Ω)	(MHz)	(Ω)Max	(mA)Max	Volts	(MΩ) Min
1	WBA0805D670PT-HF	67	100	0.25	400	50	10
2	WBA0805D900PT-G4-HF	90	100	0.3	400	50	10
3	WBA0805D121PT-HF	120	100	0.3	370	50	10
4	WBA0805D161PT-HF	160	100	0.35	330	50	10
5	WBA0805D181PT-HF	180	100	0.35	330	50	10
6	WBA0805D201PT-HF	200	100	0.4	300	50	10
7	WBA0805D221PT-HF	220	100	0.4	300	50	10
8	WBA0805D261PT-HF	260	100	0.4	300	50	10
9	WBA0805D361PT-G-HF	360	100	0.45	280	50	10
10	WBA0805D601PT-HF	600	100	0.6	220	50	10
11	WBA0805D801PT-HF	800	100	0.88	300	50	10
12	WBA0805D102PT-HF	1000	100	1.3	150	50	10
13							
14							
15							
16							
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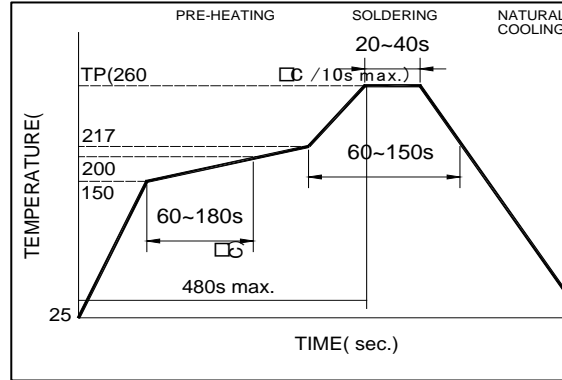


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**5. SOLDERING CONDITIONS**

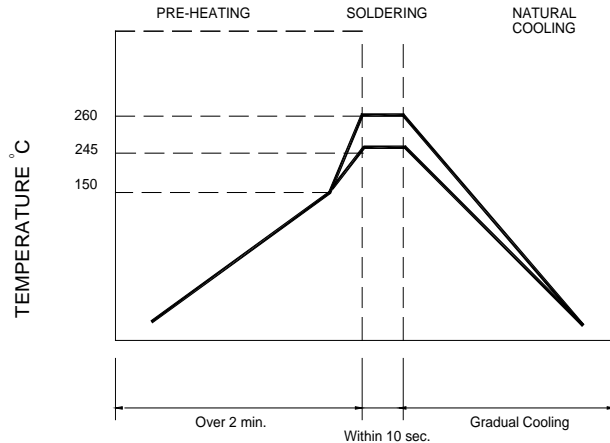
**Figure 1.  
Re-flow  
Soldering (Lead  
Free)**



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

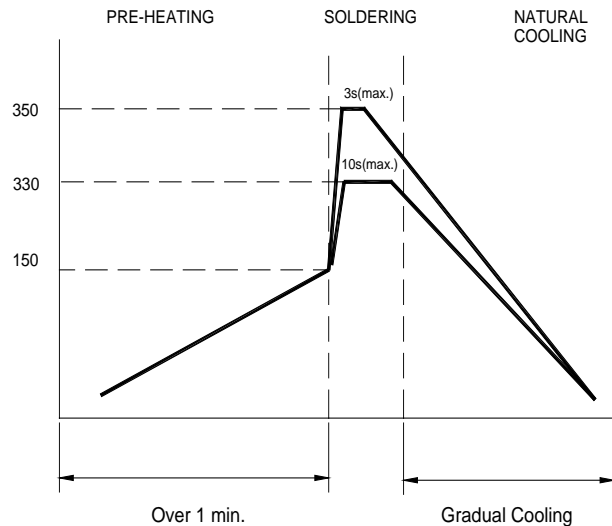
**Figure 2.  
Wave Soldering**



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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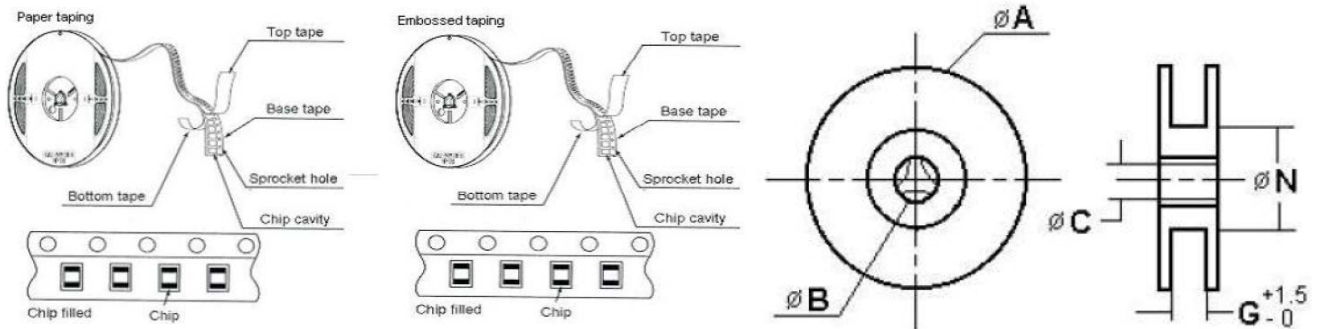
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6. PACKAGING(unit: mm)

Type	0805				
Quantity	2000				

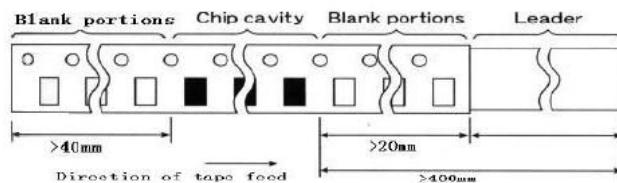
TAPING DRAWINGS



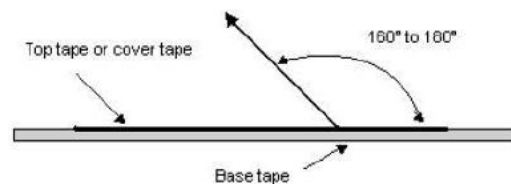
REEL DIMENSIONS(UNIT:mm)

	A	B	C	N	G
CF-8	178±2.0	22±2.0	12.5±1.5	57±2.0	8
CF-12	178±2.0	22±2.0	12.5±1.5	98±2.0	12

LEADER AND BLANK PORTION



PEELLING OFF FORCE:0.05 to 0.7N in the direction show below.



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