

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

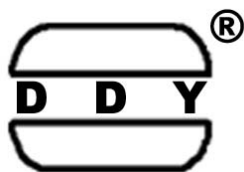
DESCRIPTION: WIRE WOUND TYPE COMMON MODE FILTER

DDY PART NO: WBA0805D750PT-HF

CUSTOMERMODELNO:

DRAWING		
MADE	CHECKED	APPROVED
余运鸿	曹春宁	陈启善
DATE:	2025年3月7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
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惠 州 市 德 立 电 子 有 限 公 司
HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:	2144	REV NO:	A1.0
DESCRIPTION:	WIRE WOUND TYPE COMMON MODE FILTER	PAGE NO:	PAGE 1 OF 6
PART NO:	WBA0805D750PT-HF	SN.	2103241063
CUSTOMER NO:		DATE:	2025年3月 7 日

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变更履历

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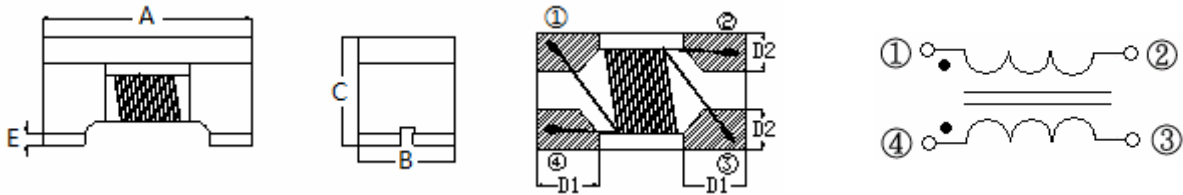
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1.SHAPE & DIMENSION

UNIT:mm



CODE	A	B	C	D1	D2	E	
DIMENSION	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	0.46Typ.	0.2±0.1	

2. ELECTRICAL CHARACTERISTICS @25℃

Part Number	Z	Freq	Rdc	Irms	Rated Voltage	Min Insulation Resistance
	(Ω)	(MHz)	(Ω)max	(mA)max	Volts	MΩ
WBA0805D750PT-HF	75	100	0.3	400	50	10

3. 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 (芯片类型)
- 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

4.GENERAL SPECIFICATION

a. Rating DC current: Temperature rise(ΔT) is 40℃ approximately at Irms.

APPROVED BY	CHECKED BY	DRAFT
陈启善	曹春宁	余运鸿



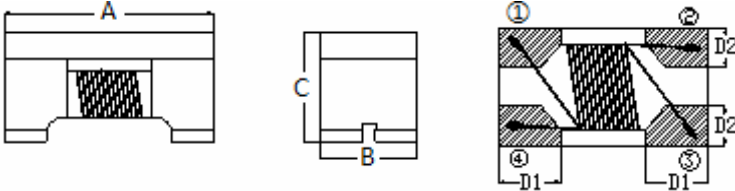
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5. TEST DATA FOR SAMPLES

TEST ITEM	Z	Rdc	A	B	C	D1	D2
	(Ω)	(Ω)	(mm)	(mm)	(mm)	(mm)	(mm)
CON.	100MHz/0.5V	At 25℃	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	0.46Typ.
SPEC.	75±25%	0.30 MAX					
1	75.30	0.12	2.02	1.25	1.29	0.58	0.49
2	74.20	0.13	2.01	1.25	1.30	0.57	0.49
3	74.60	0.12	2.03	1.25	1.26	0.56	0.47
4	75.50	0.12	2.04	1.27	1.27	0.55	0.48
5	75.80	0.13	2.05	1.26	1.26	0.58	0.46
6	74.20	0.14	2.02	1.28	1.27	0.57	0.47
7	76.30	0.13	2.05	1.27	1.28	0.56	0.49
8	76.30	0.13	2.03	1.29	1.30	0.57	0.47
9	75.20	0.12	2.04	1.27	1.27	0.58	0.46
10	74.40	0.12	2.05	1.26	1.27	0.58	0.48
X	75.18	0.13	2.03	1.27	1.28	0.57	0.48
R	2.10	0.02	0.04	0.04	0.04	0.03	0.03

图示:



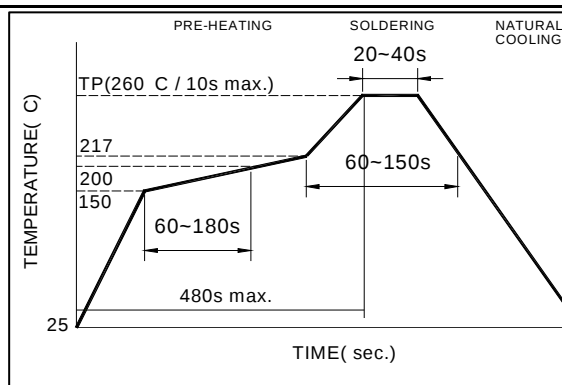
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6. SOLDERING CONDITIONS

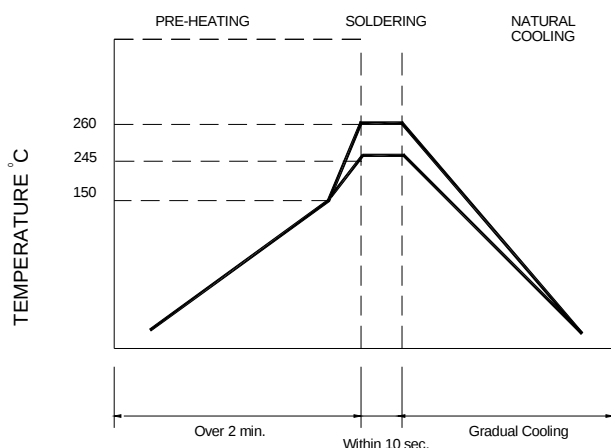
**Figure 1.
Re-flow
Soldering (Lead
Free)**



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

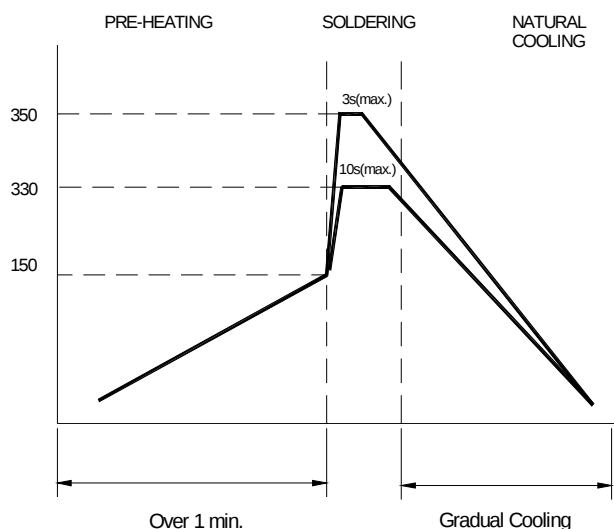
**Figure 2.
Wave Soldering**



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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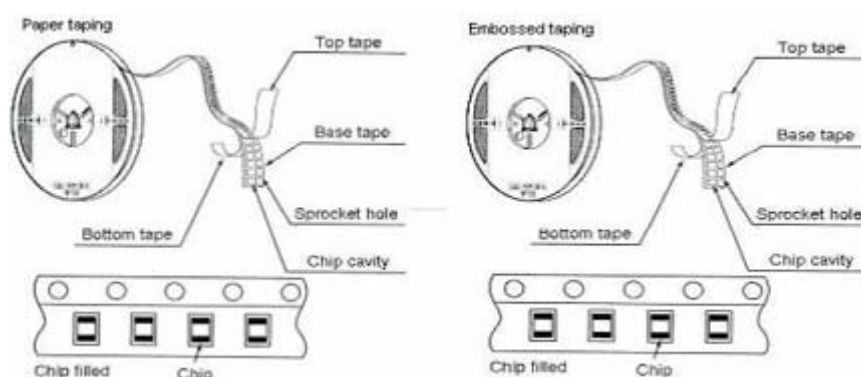
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7. PACKAGING(unit: mm)

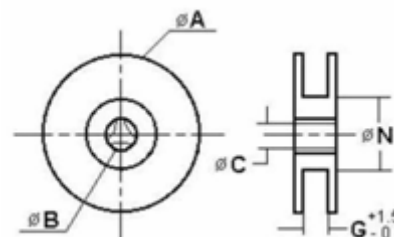
Type	0603	0805	1206	1812
Quantity	2000	2000	2000	500

TAPING DRAWINGS

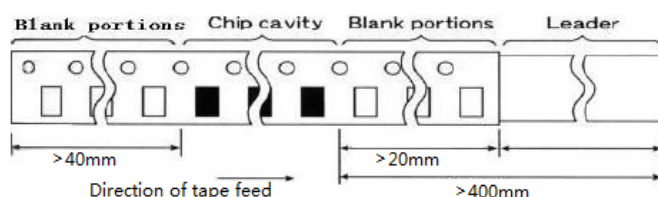


REEL DIMENSIONS(UNIT:mm)

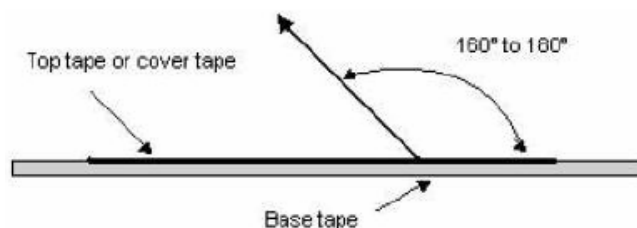
	A	B	C	N	G
CF-8	178±2.0	22±2.0	12.5±1.5	57±2.0	8
CF-12	178±2.0	22±2.0	12.5±1.5	98±2.0	12



LEADER AND BLANK PORTION



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



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