

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

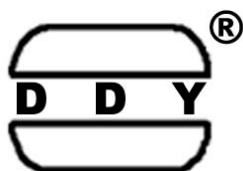
DESCRIPTION: WIRE WOUND TYPE COMMON MODE FILTER

DDY PART NO: WBA0805D371PT-G-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

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

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惠 州 市 德 立 电 子 有 限 公 司

HUIZHOU DELI ELECTRONICS CO., LTD

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CUSTOMER NO:		DATE:	2025年3月 7 日

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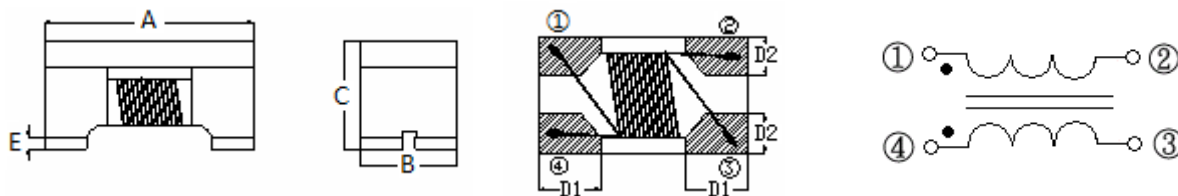
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1.SHAPE & DIMENSION

UNIT:mm



CODE	A	B	C	D1	D2	E	
DIMENSION	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	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
WBA0805D371PT-G-HF	370	100	0.45	280	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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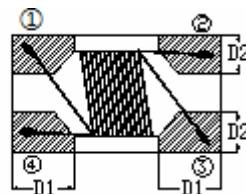
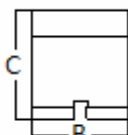
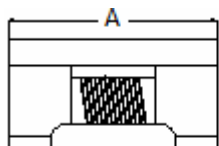
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5. TEST DATA FOR SAMPLES

TEST ITEM	Z	Rdc	A	B	C	D1	D2
	(Ω)	(Ω)	(mm)	(mm)	(mm)	(mm)	(mm)
CON.	100MHz/0.5V	At 25°C	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	0.46Typ.
SPEC.	370±25%	0.45 MAX					
1	362.64	0.38	2.04	1.26	1.27	0.57	0.49
2	361.94	0.38	2.03	1.25	1.26	0.58	0.47
3	360.70	0.39	2.05	1.29	1.30	0.56	0.46
4	360.75	0.39	2.02	1.26	1.27	0.58	0.48
5	360.19	0.38	2.05	1.27	1.27	0.57	0.46
6	363.32	0.37	2.05	1.28	1.28	0.57	0.49
7	360.94	0.39	2.04	1.25	1.29	0.55	0.49
8	360.94	0.40	2.01	1.27	1.26	0.56	0.47
9	362.78	0.39	2.02	1.25	1.27	0.55	0.48
10	360.88	0.38	2.03	1.27	1.30	0.55	0.47
X	361.51	0.39	2.03	1.27	1.28	0.56	0.48
R	3.13	0.03	0.04	0.04	0.04	0.03	0.03

图示:



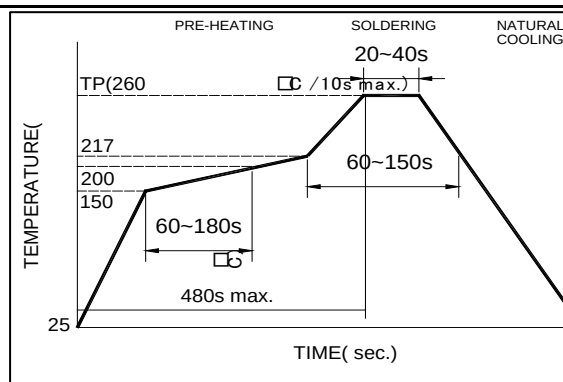
APPROVED BY	CHECKED BY	DRAFT
陈启善	曹春宁	余运鸿



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6. SOLDERING CONDITIONS

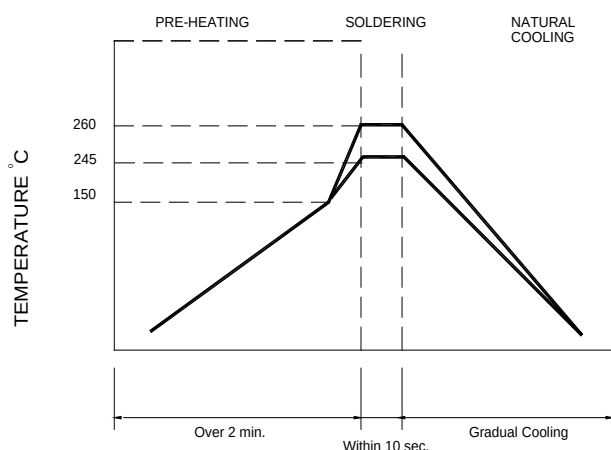
**Figure 1.
Re-flow
Soldering (Lead
Free)**



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

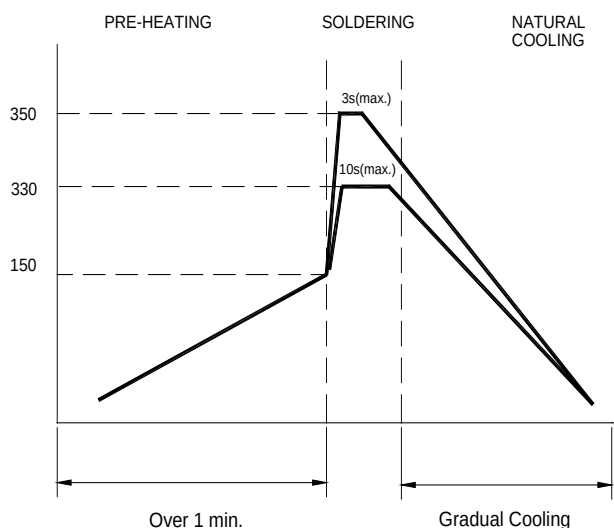
**Figure 2.
Wave Soldering**



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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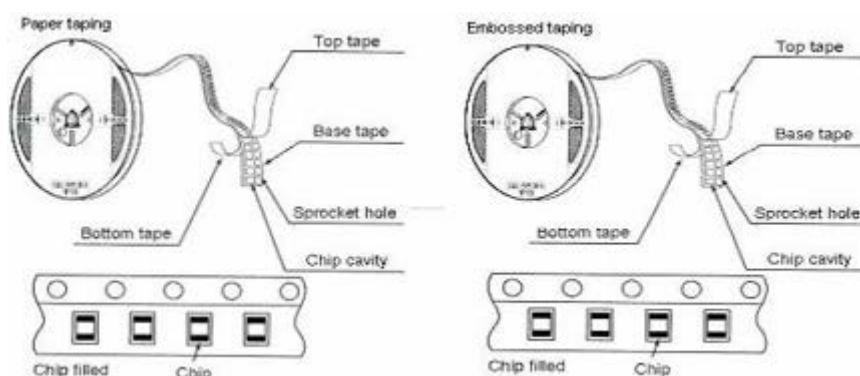
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7. PACKAGING(unit: mm)

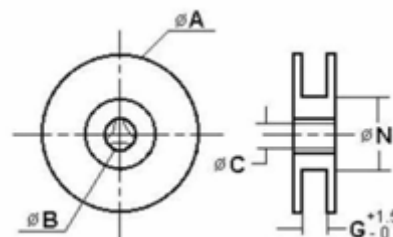
Type	0603	0805	1206	1812
Quantity	2000	2000	2000	500

TAPING DRAWINGS

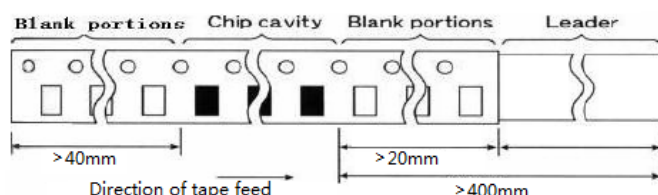


REEL DIMENSIONS(UNIT:mm)

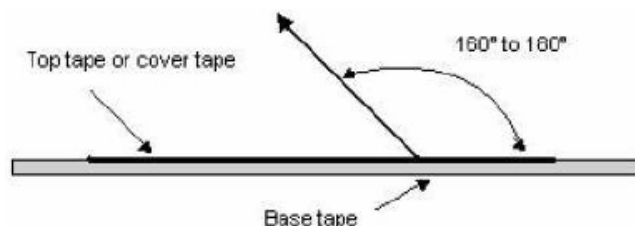
	A	B	C	N	G
CF-8	178±2.0	22±2.0	12.5±1.5	57±2.0	8
CF-12	178±2.0	22±2.0	12.5±1.5	98±2.0	12



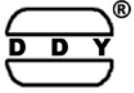
LEADER AND BLANK PORTION



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



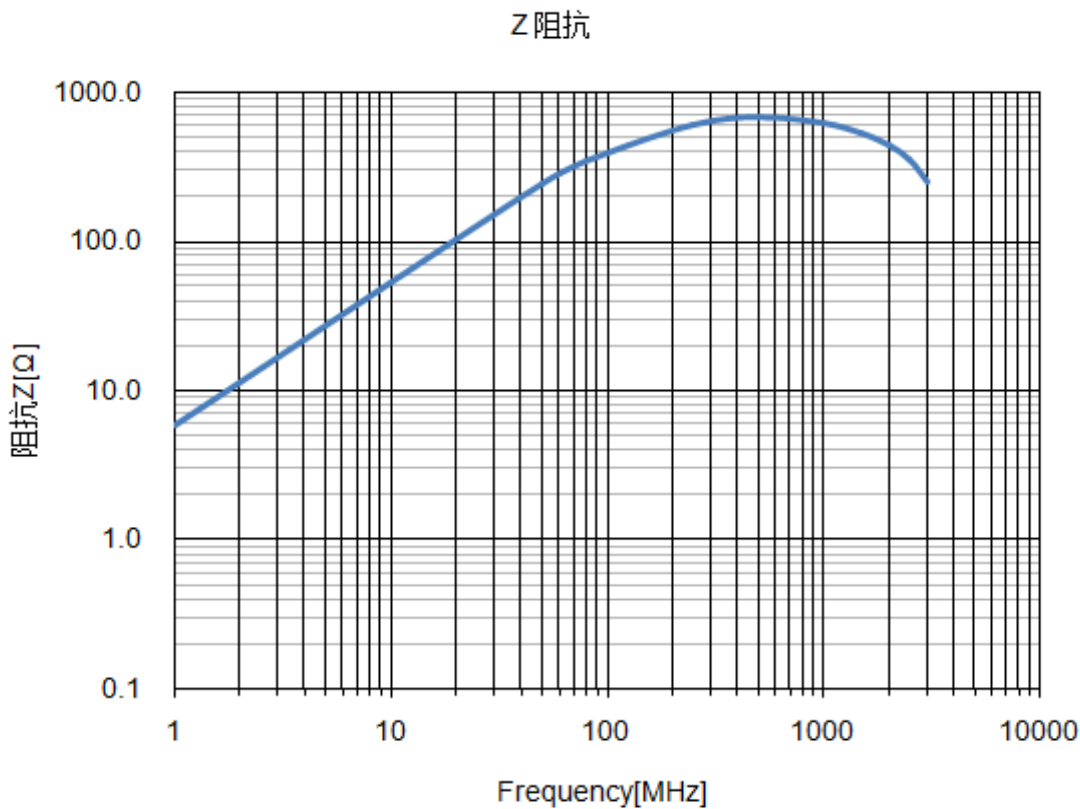
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9.ELECTRICAL CHARACTERISTIC CURVE



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