

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: _____ 2144 _____

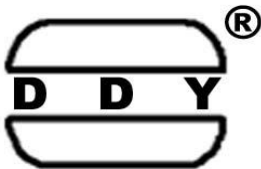
DESCRIPTION: _____ COMMON MODE CHOKE _____

DDY PART NO: _____ WBA1008D系列 _____

CUSTOMER MODEL NO: _____

| DRAWING | | |
|---------|---------|----------|
| MADE | CHECKED | APPROVED |
| 譚晶晶 | 黃志偉 | 肖中華 |
| DATE: | | |

| CUSTOMER APPROVE |
|------------------|
| |



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

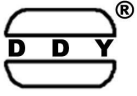
廣東省博羅縣洲際工業園梅園三路
NO.3 MEI YUAN ROAD, ZHOU JI INDUSTRIAL AREA, BOLUO COUNTY GUANGDONG

電話： 15970768093 13640935893

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Http://ddycoils.com



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| DESCRIPTION: | COMMON MODE CHOKE | PAGE NO: | PAGE 1 OF 8 |
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| CUSTOMER NO: | | DATE: | |

CATALOG

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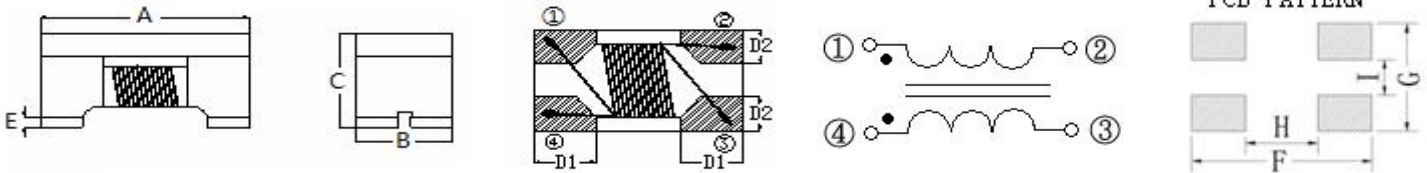
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1. SHAPE & DIMENSION

UNIT:mm



| CODE | A | B | C | E | D1 | D2 | F | G | I | H |
|-----------|---------|---------|---------|---------|--------------|--------------|-------------|-------------|--------------|--------------|
| DIMENSION | 2.5±0.2 | 2.0±0.2 | 1.2±0.2 | 0.2±0.1 | 0.60 Typ. | 0.45 Typ. | 3.2 Typ. | 2.0 Typ. | 0.60 Typ. | 1.20 Typ. |
| | | | | | | | | | | |

2. PART NUMBERING SYSTEM

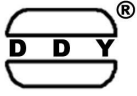
WBA □□□□ □ □□□ □ □ — □□ — □□
1 **2** **3** **4** **5** **6** **7** **8**

- 1 PRODUCT SYMBOL (产品代号)
- 2 DIMENSIONS (规格尺寸)
- 3 TYPE (类型)
- 4 IMPEDANCE (阻抗)
- 5 TOLERANCE (公差) : M±20%; P±25%; N±30%
- 6 PACKAGING (包装方式) : T-编带盘装; B-散装
- 7 IDENTIFICATION CODE(标识码): 无则缺省此项.
- 8 E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

3. GENERAL SPECIFICATION

- a. Rating DC current: Temperature rise(ΔT) is 40°C approximately at I_{rms} .
- 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)

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| APPROVED BY | CHECKED BY | DRAFT |
| 肖中华 | 黄志伟 | 谭晶晶 |



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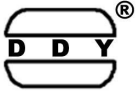
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4. Electrical Characteristics List

| NO. | Part Number | Z | Freq | Rdc | Irms | Rated Voltage | Insulation Resistance | | | |
|-----|--------------------|------|-------|------------|-------------|---------------|-----------------------|--|--|--|
| | | (Ω) | (MHz) | (Ω) Max | (mA) Max | Volts | (MΩ) Min | | | |
| 1 | WBA1008D301PT-F-HF | 300 | 100 | 0.20 | 400 | 50 | 10 | | | |
| 2 | WBA1008D451PT-F-HF | 450 | 100 | 0.30 | 350 | 50 | 10 | | | |
| 3 | WBA1008D601PT-F-HF | 600 | 100 | 0.38 | 330 | 50 | 10 | | | |
| 4 | WBA1008D102PT-F-HF | 1000 | 100 | 0.50 | 240 | 50 | 10 | | | |
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| APPROVED BY | CHECKED BY | DRAFT |
| 肖中华 | 黄志伟 | 谭晶晶 |

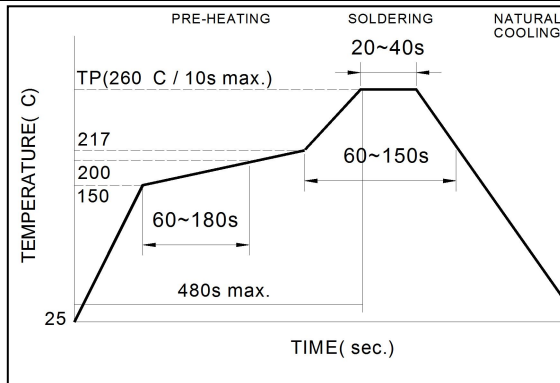


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5. SOLDERING CONDITIONS

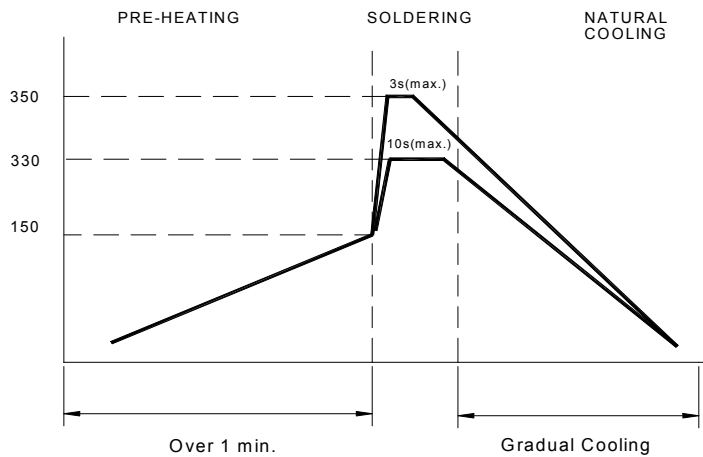
**Figure 1.
Re-flow Soldering
(Lead Free)**



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:

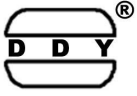
- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.

6.MATERIAL LIST

| NO | DESCRIPTION | DESCRIPTION | SUPPLIER | |
|----|-------------|----------------------|-----------------------------|--|
| 1 | Upper Plate | Ferrite | Flag Magnetic Or equivalent | |
| 2 | Core | Ferrite Core | Flag Magnetic Or equivalent | |
| 3 | Wire | Enameled Copper Wire | Elektrisola Or equivalent | |
| | | | | |
| | | | | |

REMARK:

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|-------------|------------|----------|
| APPROVED BY | CHECKED BY | DRAWN BY |
| 肖中华 | 黄志伟 | 谭晶晶 |



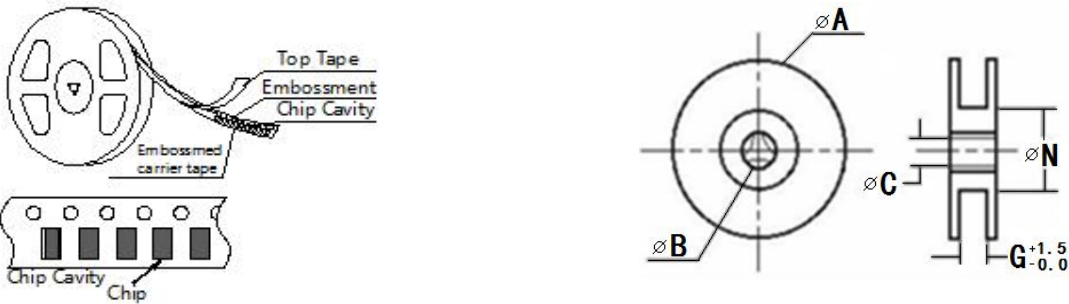
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7. PACKAGING(unit: mm)

| | |
|----------|------|
| Type | 1008 |
| Quantity | 2000 |

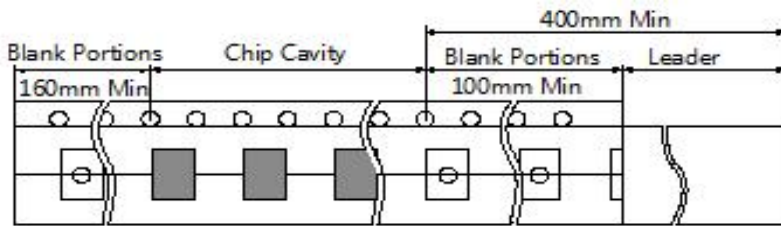
TAPING DRAWINGS



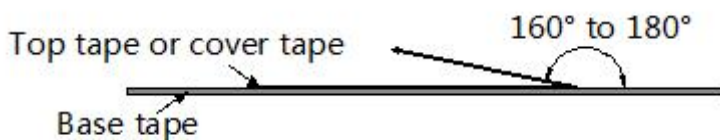
REEL DIMENSIONS(UNIT:mm)

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

LEADER AND BLANK PORTION



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



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| 肖中华 | 黄志伟 | 谭晶晶 |

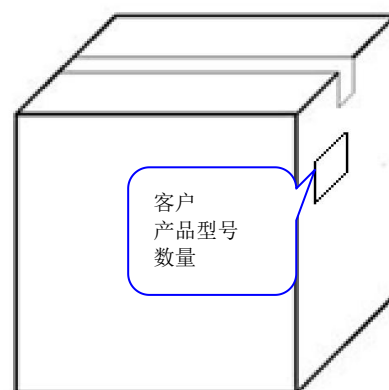
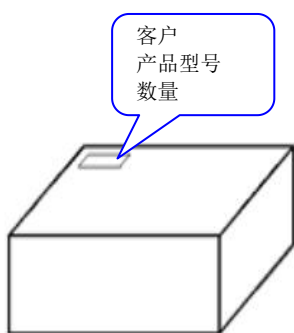
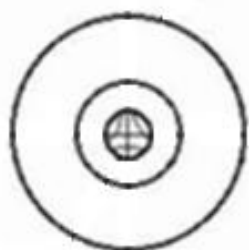


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8.Package Specifications

■Inside Box And Outside Carton

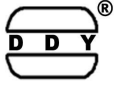


| | | |
|-------------|-----------------|-------------------|
| 卷轴数量 | 内盒包装数量 | 外箱包装数量 |
| 每卷:2000 PCS | 每盒四盘, 共8000 PCS | 每箱6盒, 共48000 PCS |
| | | 每箱8盒, 共64000 PCS |
| | | 每箱10盒, 共80000 PCS |

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。

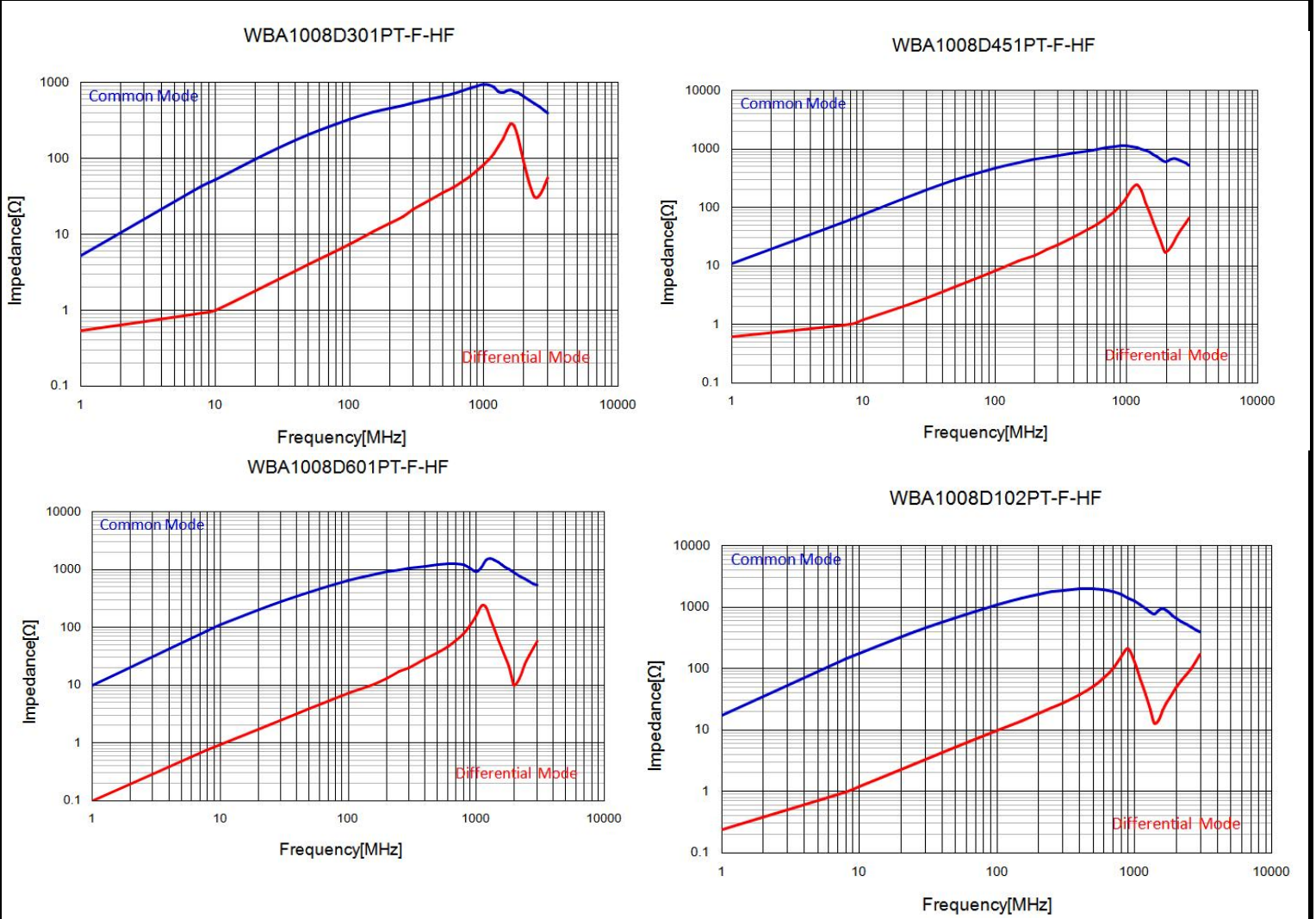
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9. ELECTRICAL CHARACTERISTIC CURVE



APPROVED BY

肖中华

CHECKED BY

黄志伟

DRAFT

谭晶晶