

# 承認書

## SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

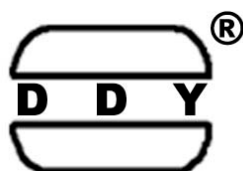
DESCRIPTION: COMMON MODE CHOKE

DDY PART NO: WBA0603D900PT-F-HF

CUSTOMERMODELNO: \_\_\_\_\_

DRAWING		
MADE	CHECKED	APPROVED
譚晶晶	黃志偉	肖中華
DATE:	2023年7月6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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惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:	2144	REV NO:	A
DESCRIPTION:	COMMON MODE CHOKE	PAGE NO:	PAGE 1 OF 6
PART NO:	WBA0603D900PT-F-HF	SN.	
CUSTOMER NO:		DATE:	2023年7月6日

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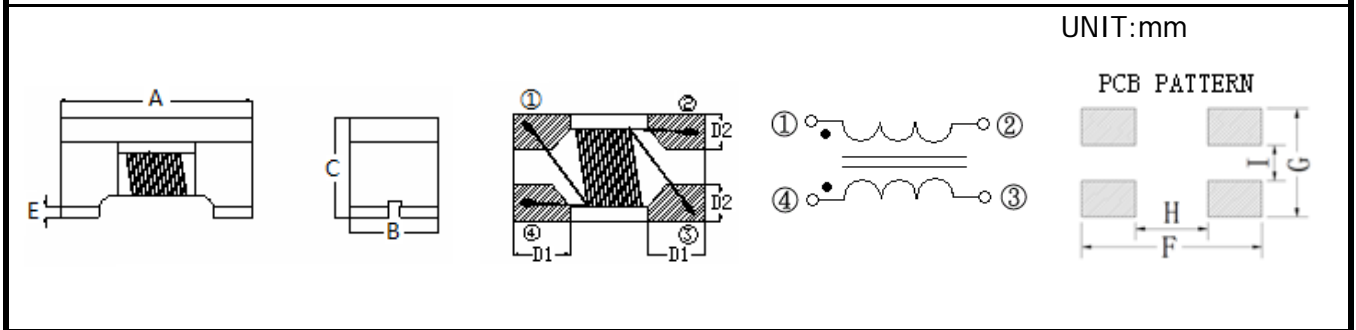




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**1. SHAPE & DIMENSION**



CODE	A	B	C	E	D1	D2	F	G	H	I
DIMENSION	1.6±0.1	0.8±0.1	1.1±0.1	0.1 Max	0.33 Typ.	0.25 Typ.	1.89 Typ.	0.85 Typ.	0.73 Typ.	0.25 Typ.

**2. ELECTRICAL CHARACTERISTICS @25°C**

Part Number	Z	Freq	Rdc	Irms	Rated Voltage	Insulation Resistance
	(Ω)	(MHz)	(Ω)max	(mA)max	Volts	MΩ Min
WBA0603D900PT-F-HF	90	100	0.25	300	20	10

**3. PART NUMBERING SYSTEM**

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

- PRODUCT SYMBOL (产品代号)
- DIMENSIONS (规格尺寸)
- TYPE (类型)
- IMPEDANCE (阻抗)
- TOLERANCE (公差) : P±25%; N±30%
- PACKAGING (包装方式) : T-编带盘装; B-散装
- E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

**4. GENERAL SPECIFICATION**

- Rating DC current: Temperature rise(ΔT) is 40°C approximately at Irms.
- Operating temp.: -40°C~ +85°C
- Storage temp.: -10°C ~ +40°C R.H.: 65% Max
- Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

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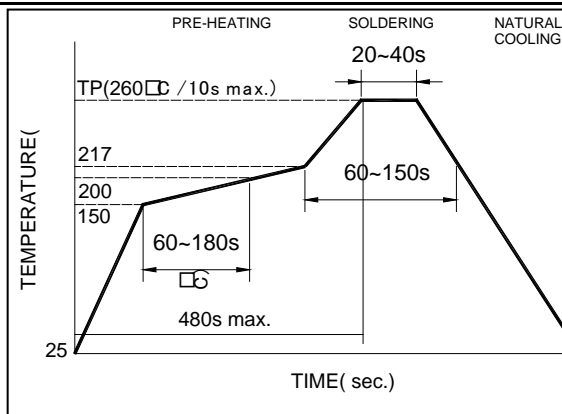


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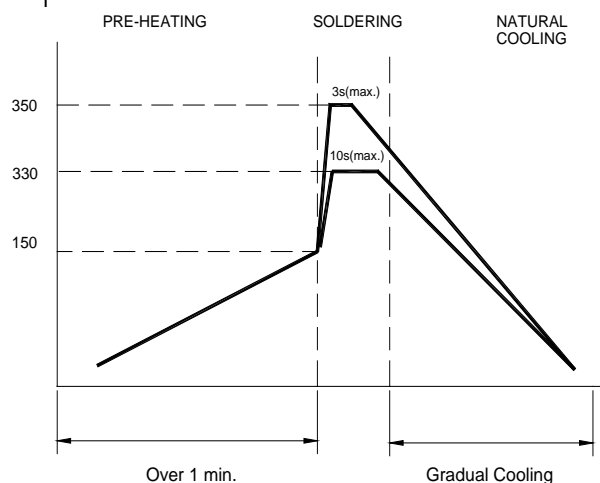
**5. SOLDERING CONDITIONS**

**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.  
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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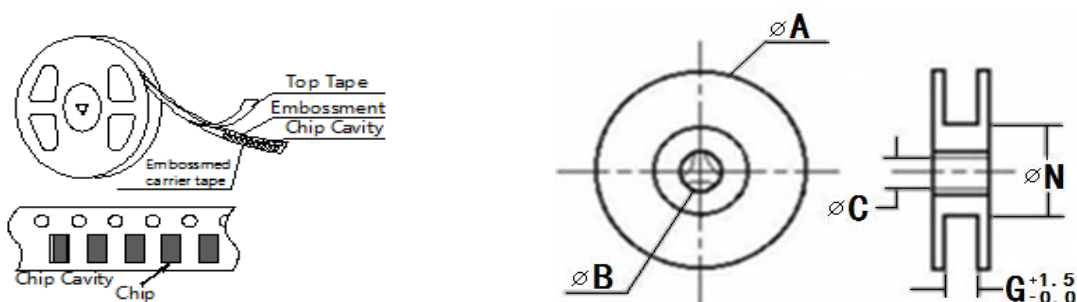
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7. PACKAGING(unit: mm)

Type	0603
Quantity	3000

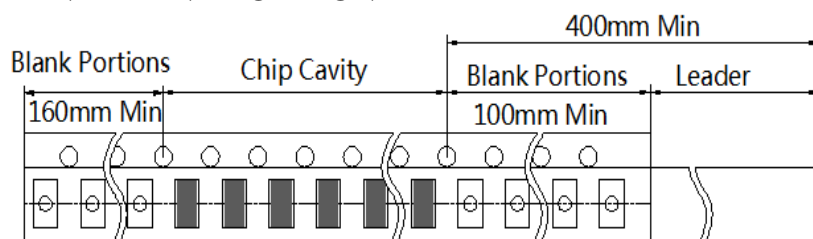
TAPING DRAWINGS



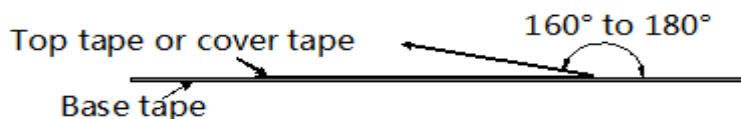
REEL DIMENSIONS(UNIT:mm)

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

LEADER AND BLANK PORTION



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



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。

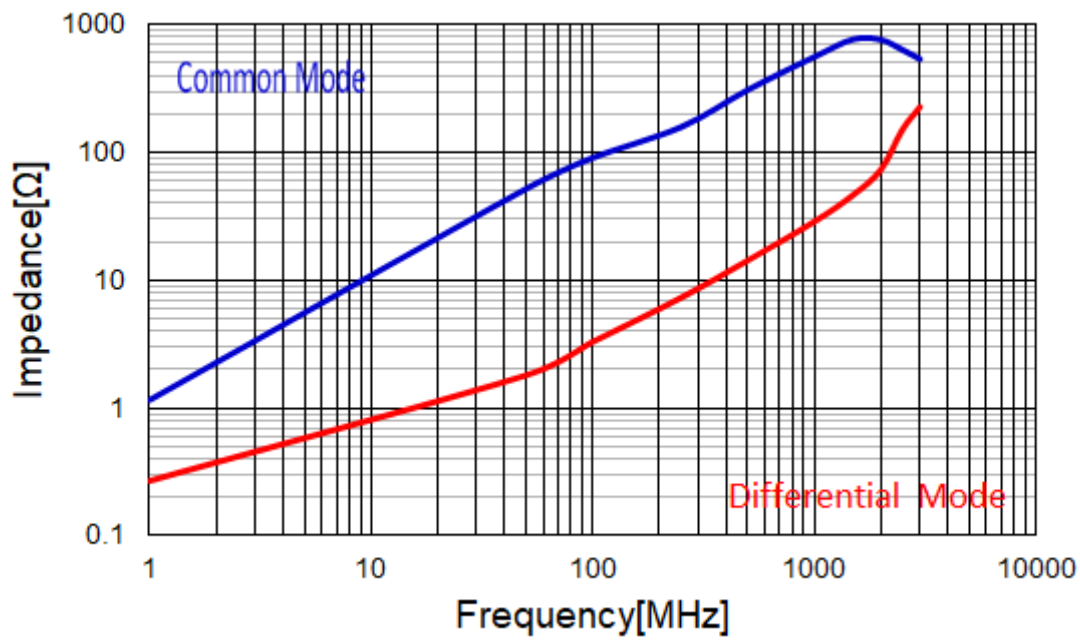
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**8.ELECTRICAL CHARACTERISTIC CURVE**



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