

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

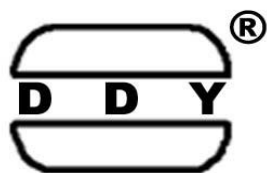
DESCRIPTION: COMMON MODE CHOKE

PART NO: WBA0805D900系列

CUSTOMERMODELNO:

DRAWING		
MADE	CHECKED	APPROVED
罗海玲	曾凡强	谢忠
DATE:	2024年4月12日	

CUSTOMER APPROVE



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HUI ZHOU DE LI ELECTRONICS CO., LTD

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[Http://ddycoils.com](http://ddycoils.com)

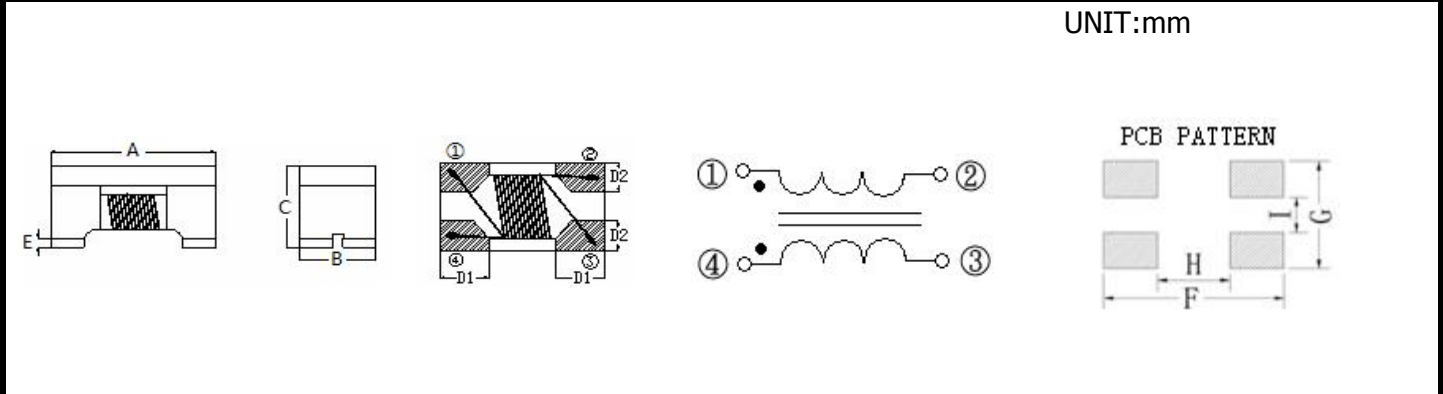
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PART NO:	WBA0805D900系列	SN.	
CUSTOMER NO:		DATE:	2024年4月12日

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1.SHAPE & DIMENSION



CODE	A	B	C	E	D1	D2	F	G	I	H
DIMENSION	2.0±0.2	1.2±0.2	1.2±0.2	0.2±0.1	0.55 Typ.	0.46 Typ.	2.60 Typ.	1.25 Typ.	0.40 Typ.	0.80 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) : 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

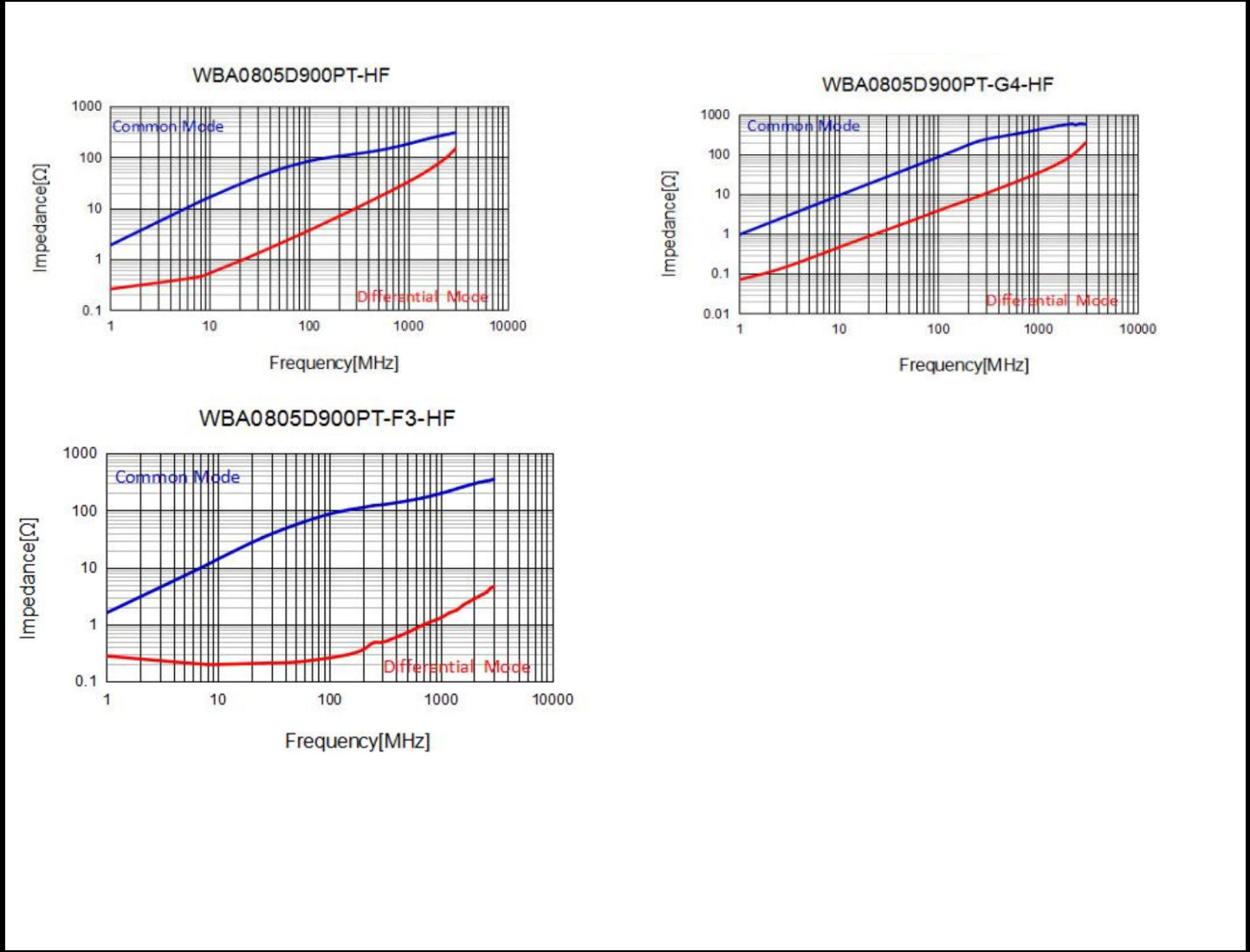
- a. Rating DC current: Temperature rise(ΔT) is 40℃ approximately at Irms.
- b.Operating temp.: -40℃~ +85℃(Including self-generated heat).
- c.Storage temp.: -10℃ ~ +40℃ R.H.: 65% Max
- d.Moisture sensitivity level (MSL) 2 (1 year floor life at <30℃/65% relative humidity)

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4. Electrical Characteristics List

NO.	Part Number	Z	Freq	Rdc	Irms	Rated Voltage	Insulation Resistance	Cut-Off Frequency	
		(Ω)	(MHz)	(Ω)Max	(mA)Max	Volts	(MΩ) Min	(GHz)	
1	WBA0805D900PT-G4-HF	90	100	0.35	400	50	10	4.5Typ.	USB 2.0
2	WBA0805D900PT-HF	90	100	0.30	400	50	10	7.5 Typ.	USB 3.0
3	WBA0805D900PT-F3-HF	90	100	0.42	300	50	10	10 Typ.	USB 3.2



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5. SOLDERING CONDITIONS

Figure 1.
Re-flow Soldering
(Lead Free)

The graph shows temperature in degrees Celsius on the y-axis (25 to 217) and time in seconds on the x-axis. The profile includes a pre-heating phase (25 to 150°C, 60-180s), a heating phase (150 to 217°C, 60-150s), a soldering phase (217°C, 20-40s), and a natural cooling phase. Key points include TP(260°C / 10s max.) and a total time of 480s max.

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

The graph shows temperature in degrees Celsius on the y-axis (150 to 350) and time on the x-axis. It includes a pre-heating phase (150 to 330°C, Over 1 min.), a soldering phase (330 to 350°C, 3s max.), and a natural cooling phase (350 to 150°C, 10s max.). The cooling phase is labeled 'Gradual Cooling'.

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		
1	Upper Plate	Ferrite		
2	Core	Ferrite Core		
3	Wire	Enameled Copper Wire		

REMARK:

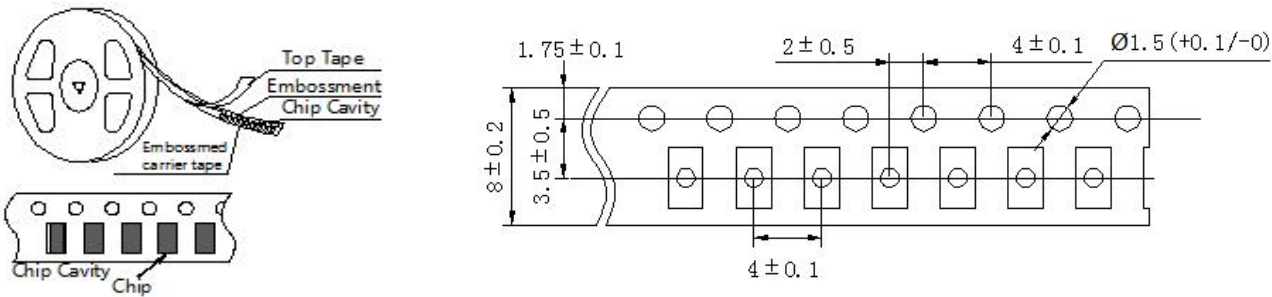
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7. PACKAGING(unit: mm)

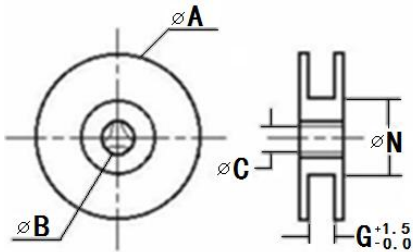
Type	0805
Quantity	2000

TAPING DRAWINGS

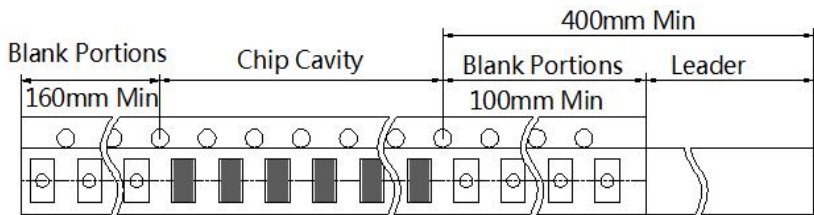


REEL DIMENSIONS(UNIT:mm)

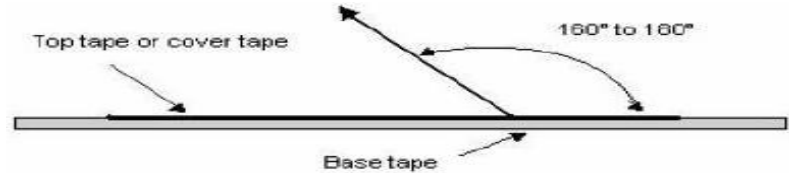
	A	B	C	N	G
CF-8	178±2.0	22±2.0	12.5±1.5	57±2.0	8



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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