

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2144

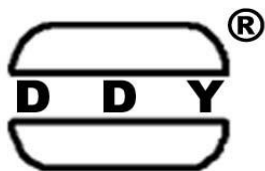
DESCRIPTION: COMMON MODE CHOKE

DDY PART NO: WBA0805D系列

CUSTOMERMODELNO:

DRAWING		
MADE	CHECKED	APPROVED
谭晶晶	黄志伟	肖中华
DATE:	2025年2月21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

電話: 15970768093 13640935893

傳真: 0752-6207969

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



惠 州 市 德 立 电 子 有 限 公 司
HUI ZHOU DE LI ELECTRONICS CO., LTD

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DESCRIPTION:	COMMON MODE CHOKE	PAGE NO:	PAGE 1 OF 9
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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。



变更履历

[illegible]

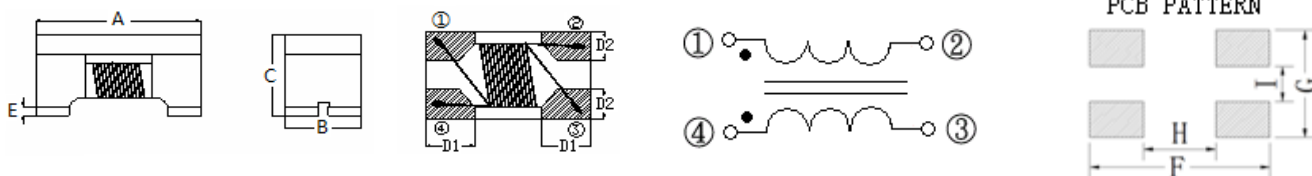


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1.SHAPE & DIMENSION

UNIT:mm



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

- PRODUCT SYMBOL (产品代号)
- DIMENSIONS (规格尺寸)
- MATERIAL CODE (材料代号)
- IMPEDANCE (阻抗)
- TOLERANCE (公差) : P±25%; N±30%
- PACKAGING (包装方式) : T-编带盘装; B -散装
- IDENTIFICATION CODE(标识码): 无则缺省此项.
- E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

3.GENERAL SPECIFICATION

- Rating DC current: Temperature rise(ΔT) is 40°C approximately at Irms.
- Operating temp.: -40°C~ +125°C(Including self-generated heat).
- Storage temp.: -10°C ~ +40°C R.H.: 60% Max
- Moisture sensitivity level (MSL) 1
- Recommended products should be used within 12 months from the date of delivery

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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	WBA0805D300PT-HF	30	100	0.15	400	50	10	
2	WBA0805D500PT-HF	50	100	0.25	400	50	10	
3	WBA0805D670PT-HF	67	100	0.25	400	50	10	
4	WBA0805D900PT-HF	90	100	0.30	400	50	10	
5	WBA0805D900PT-D4-HF	90	100	0.30	400	50	10	
6	WBA0805D121PT-HF	120	100	0.30	370	50	10	
7	WBA0805D181PT-HF	180	100	0.35	330	50	10	
8	WBA0805D221PT-HF	220	100	0.40	300	50	10	
9	WBA0805D261PT-HF	260	100	0.40	300	50	10	
10	WBA0805D361PT-HF	360	100	0.45	280	50	10	
11	WBA0805D601PT-HF	600	100	0.60	220	50	10	
12	WBA0805D801PT-HF	800	100	0.88	300	50	10	
13	WBA0805D901PT-HF	900	100	0.90	150	50	10	
14	WBA0805D102PT-HF	1000	100	1.30	150	50	10	

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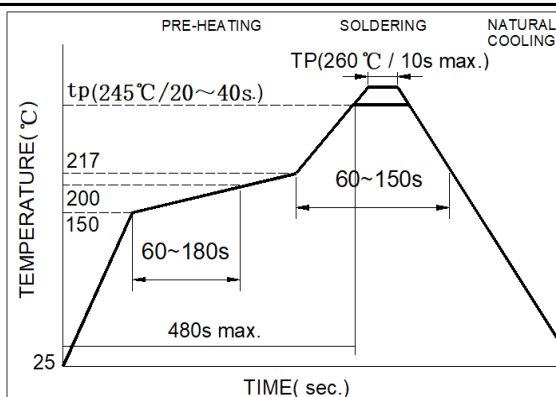


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5. SOLDERING CONDITIONS

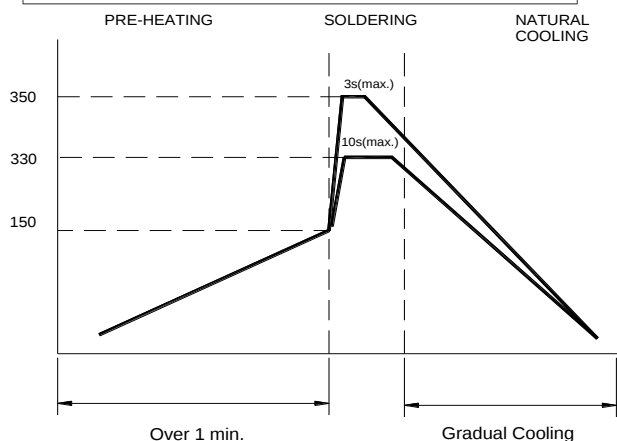
Figure 1.
Re-flow Soldering
(Lead Free)



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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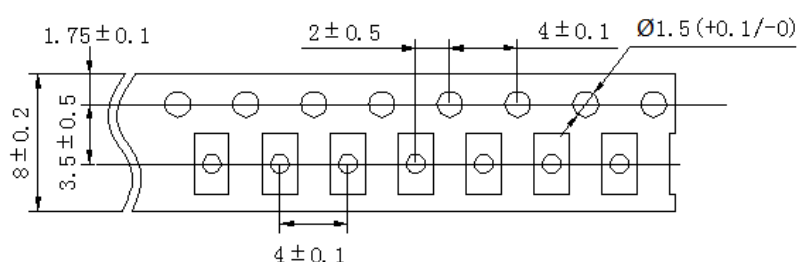
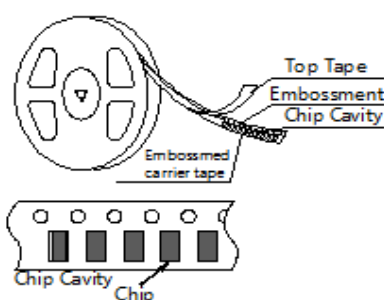
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7. PACKAGING(unit: mm)

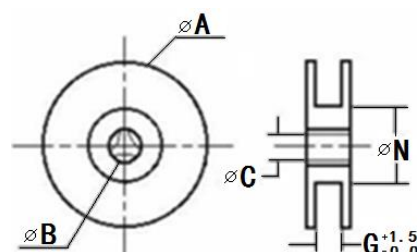
Type	0805
Quantity	2000

TAPING DRAWINGS

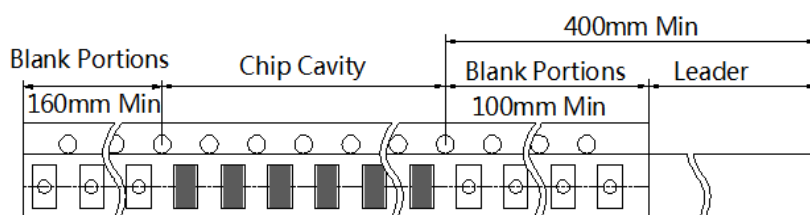


REEL DIMENSIONS(UNIT:mm)

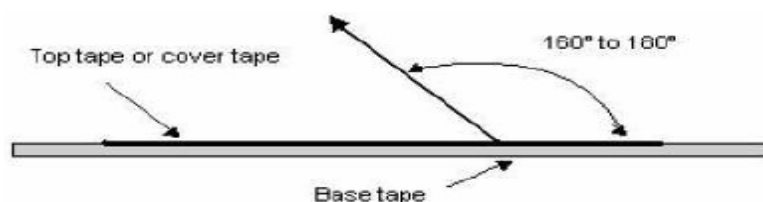
	A	B	C	N	G
CF-8	178±2.0	22±2.0	13.0±1.0	60±1.0	8



LEADER AND BLANK PORTION



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



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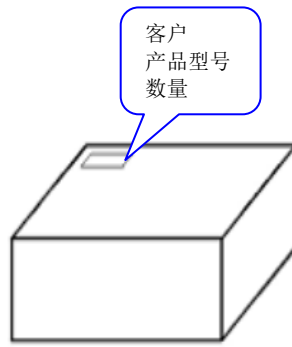
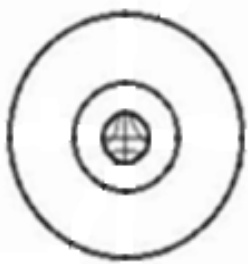
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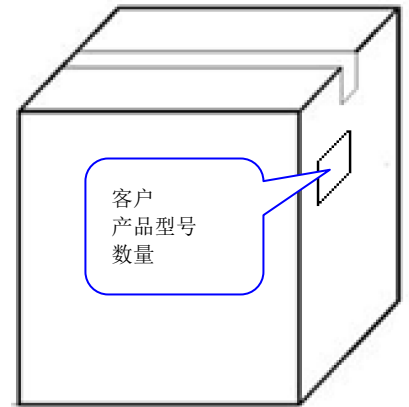
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8.Package Specifications

■Inside Box And Outside Carton



客户
产品型号
数量



客户
产品型号
数量

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	小箱6盒, 共48000 PCS
		中箱8盒, 共64000 PCS
		大箱10盒, 共80000 PCS
	内盒包装尺寸	外箱包装尺寸
	20.3*19.3*5.5cm	小箱, 40.6*23*19.7cm
		中箱, 41*22*26cm
		大箱, 41*22*33cm

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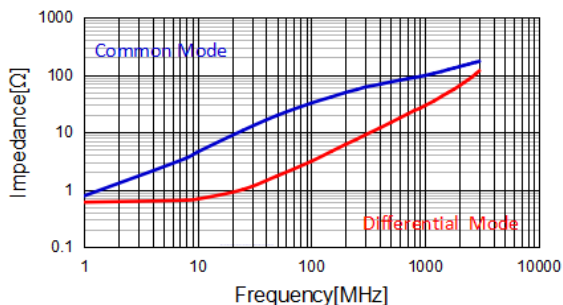


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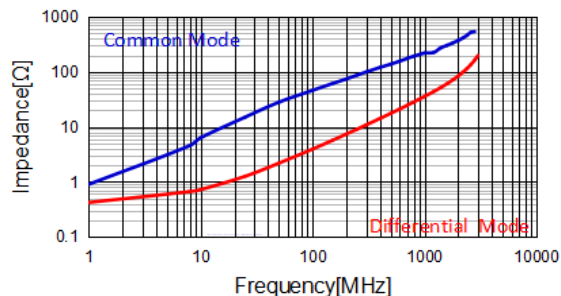
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9.1 ELECTRICAL CHARACTERISTIC CURVE

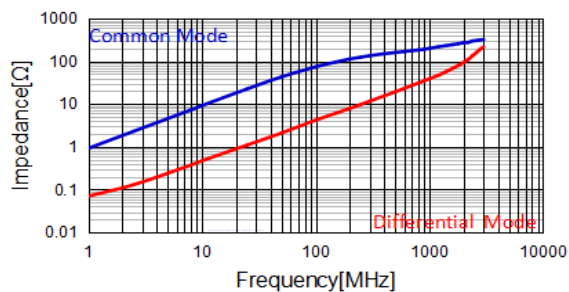
WBA0805D300PT-HF



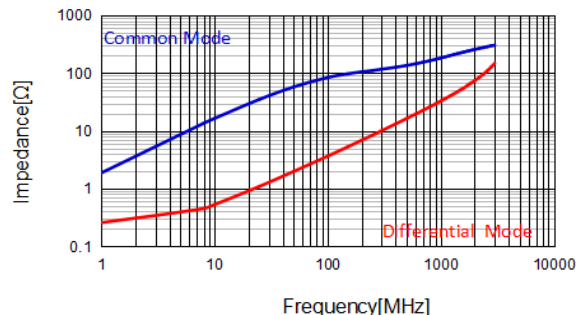
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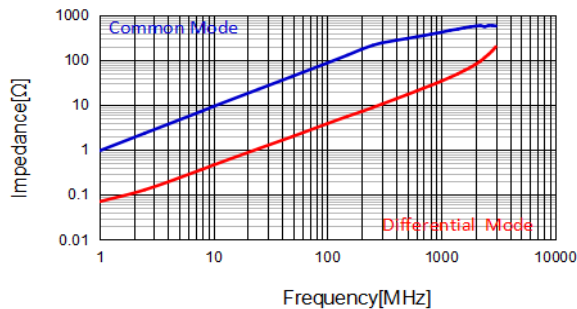
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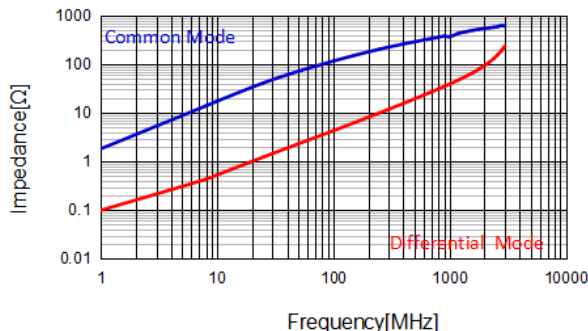
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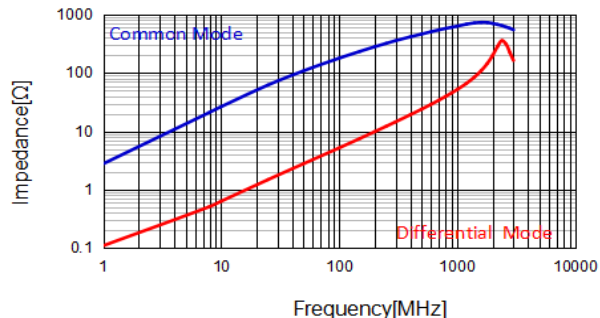
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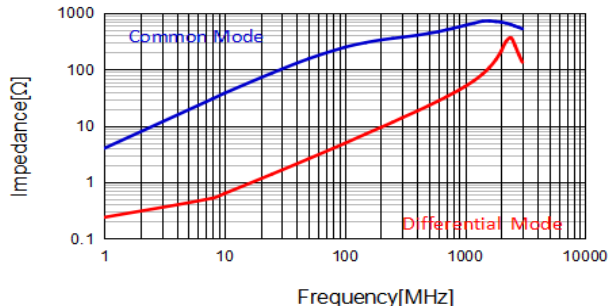
WBA0805D121PT-HF



WBA0805D181PT-HF



WBA0805D221PT-HF



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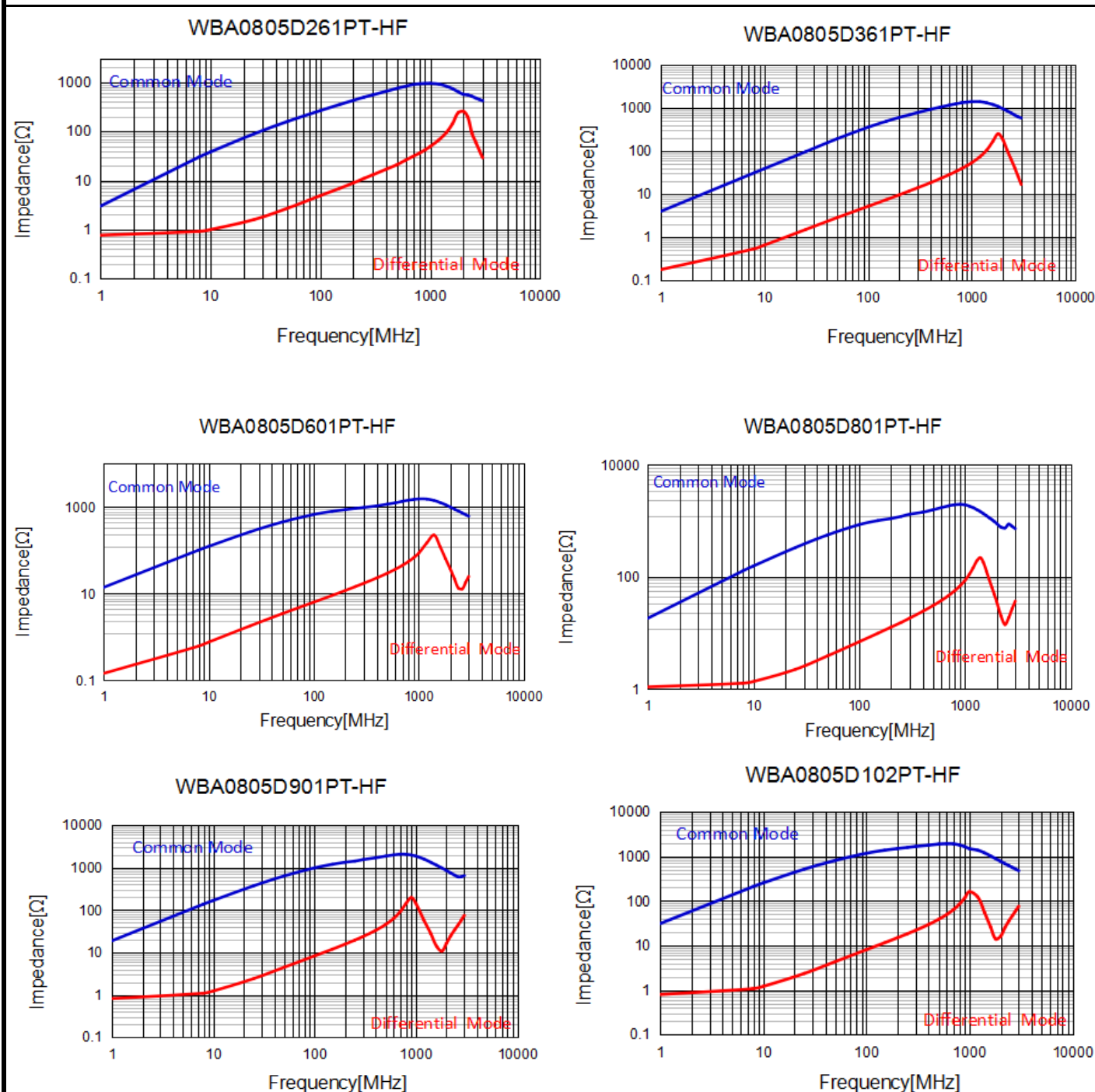
黄志伟

谭晶晶



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9.2 ELECTRICAL CHARACTERISTIC CURVE



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