

Dongguan Dexinda Electronic Technology Co.,Ltd
Room 202, No. 191, Tai'an Road, Zhuting Township, Zhangmoutou
Town, Dongguan City, Guangdong Province

Client Shenzhen Pengyuan Sheng High-tech Co., Ltd.

TYPE Emission coil WPC-A1

Model Φ20.5×40.5 2UEWΦ0.08×80P×11Ts Magnetic sheet specifications: Φ42.5 ±
0.6mm L = 8.2uH Lead-out length 15.0 ± 1.0mm Magnetic spacer thickness:
0.8 ± 0.1mm DCR ≤ 100mΩ Complies with RoHs, REACH
DXD202509007

Part numbering systey

Client p/NO 702-090000-108

Enginrer NO XIE202509007

Date 2025-9-19

For Enginer Departner Only	
Rvised Content	APProved Date

Prepared
RAO

Checked
Xie liang

Approved

Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved

一、 Winding Procese:

NO	winding	guage	Turns	direction of winding	Note
1	N1	2UEW-B-0.08*80P	11TS	CCW	
2					

二 . FEATURES:

1.Test conditions : 25°C,65%RH@100KHz/1V

1.1 Inductance

1.11 L0A (Single coil) =4.8uH±20%

1.12 L0A(Coil + Magnetic Plate)=8.2uH±10%

1.2 Q value=80MIN

1.3 DCR : 65mΩ MAX

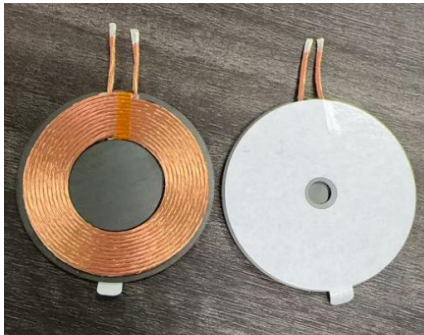
1.4 Operating Temperature : -25°C~85°C

2. Test instrument : **L**: Chuangda 1068+1310; **DCR**: 5 02BC; **SIZE**:Callipers

3. bill of materials

N O	Item	materials
1	copper wire	φ 0.08*80p 2UEW
2	magnetic sheet	The diameter of the large magnetic plate is 42.5 ± 0.6 * the thickness is 0.8 ± 0.1. The diameter of the small magnetic plate is 20 ± 1 * the thickness is 1 ± 0.1 (in mm)
3	glue	White glue 1288P
4	tin	QD-107H
5	gum	double-sided adhesive
6	Binding tape	3mm dark brown high-temperature adhesive
7		
8		

三 . CIRCUIT DIAGRAM

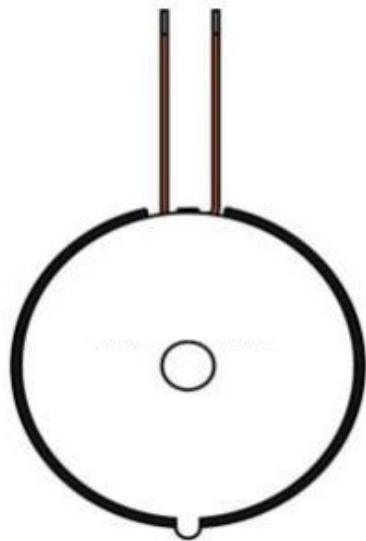
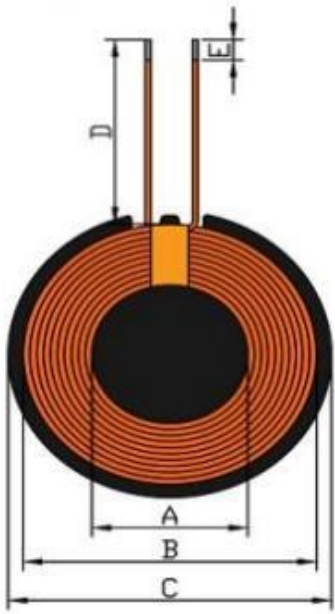


Unit : MM



四 . OUTSIDE DIAGRA

产品尺寸说明 Product Size Unit : MM

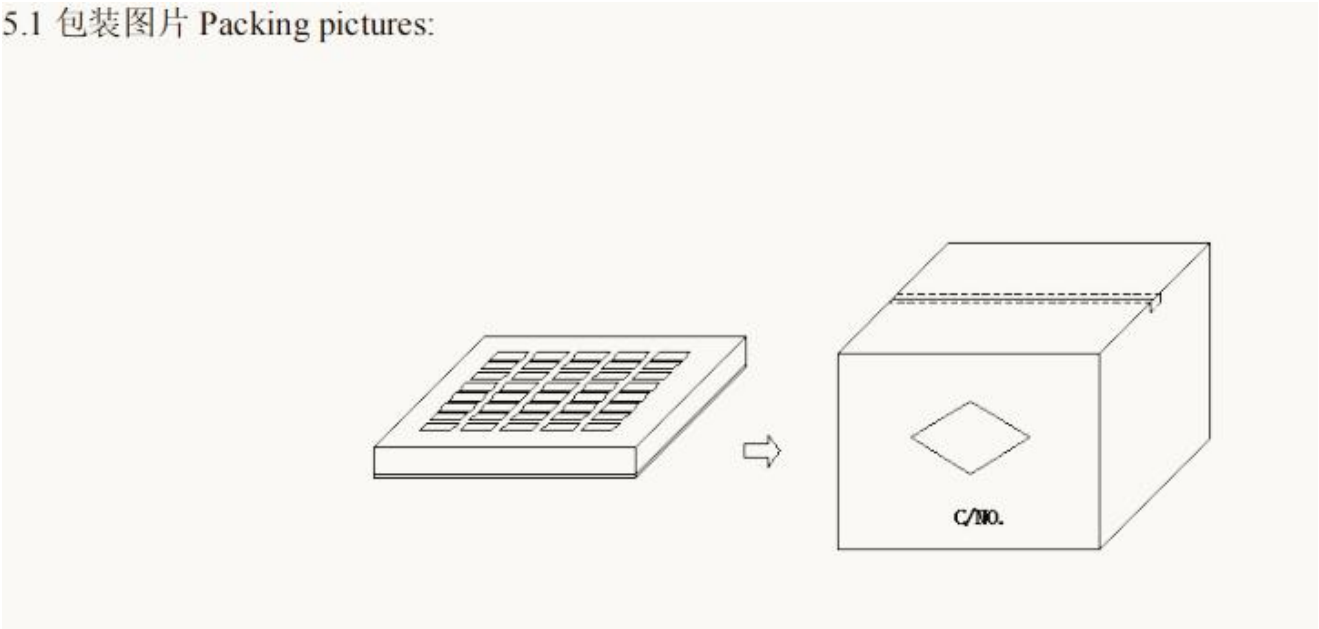


	A	B	C	D	E	F
STD	20±0.5	39.5±0.5	42.5±0.6	15±1.5	3±1.5	2.3Max

Unit : MM

五 . PACKAGE

5.1 包装图片 Packing pictures:



5.2 包装数量及规格 Packing Quantity:

项目 Item	数量 Quantity	材料规格 Material
盒 Box	350 Pcs	345*330*50 mm
箱 Big Carton	1400 Pcs	360*340*280 mm

5.3 The packaging shall be based on the exusting packing plate and the actual delivery package shall prevail .If there is any requirement,we can customize it.