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Client Shenzhen Zhonghe Xin Electronics Co., Ltd.

TYPE A11 Single-coil

Model NO G50 * 5.3 * 0.8 Magnetic tape with holes and double slots, 6mm EVA back adhesive, 6.3UH

Part numbering systey

Cient p/NO

Enginrer NO

Date 2025-7-02

For Enginer Departner Only	
Rrvised Content	APPproved Date

Prepared

Checked

Approved

RAO

Xie liang

Authorized Signaturure Company Chop		
Enginrer	QC APPproved	APPproved

一、 Winding Procese:

NO	winding	guage	Turns	direction	Note
1	N1	2UEW-B-0.08*105P	10TS	CCW	
2					

二 . FEATURES:

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

1.1 In-ductance

1.11 L0A (Single coil) =3.8uH±20%

1.12 L0A(Coil + magnetic plate=6.5uH±10%

1.2 Q VALUE=70MIN

1.3 DCR : 45mΩ MAX

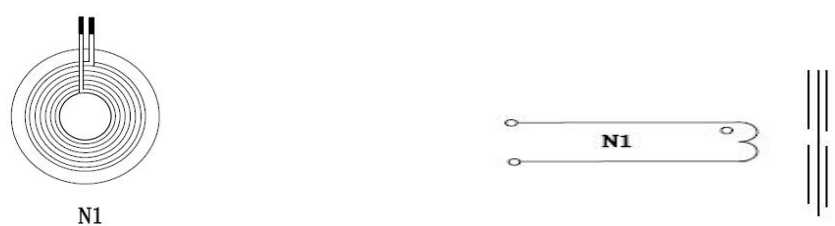
1.4 Operating Temperature : -25°C~85°C

2.Test instrument : L:chuangda 1068+1310;**DCR**:502BC;**SIZE**:Callipers

3. bill of materials

N O	Item	materials
1	WIRE	φ 0.08*105p 2UEW-1.15mm
2	FERRITE	50 * 5.3 * 0.8mm L-shaped slot ferrite hard magnet
3	GLUE	white glues
4	SOLDER	XCD-907B
5	Adhesive	6.0 EVA Adhesive
6	High temperature adhesive	7MM High Temperature Tape
7		
8		

三 . CIRCUIT DIAGRAM



Unit : MM

四 . OUTSIDE DIAGRA



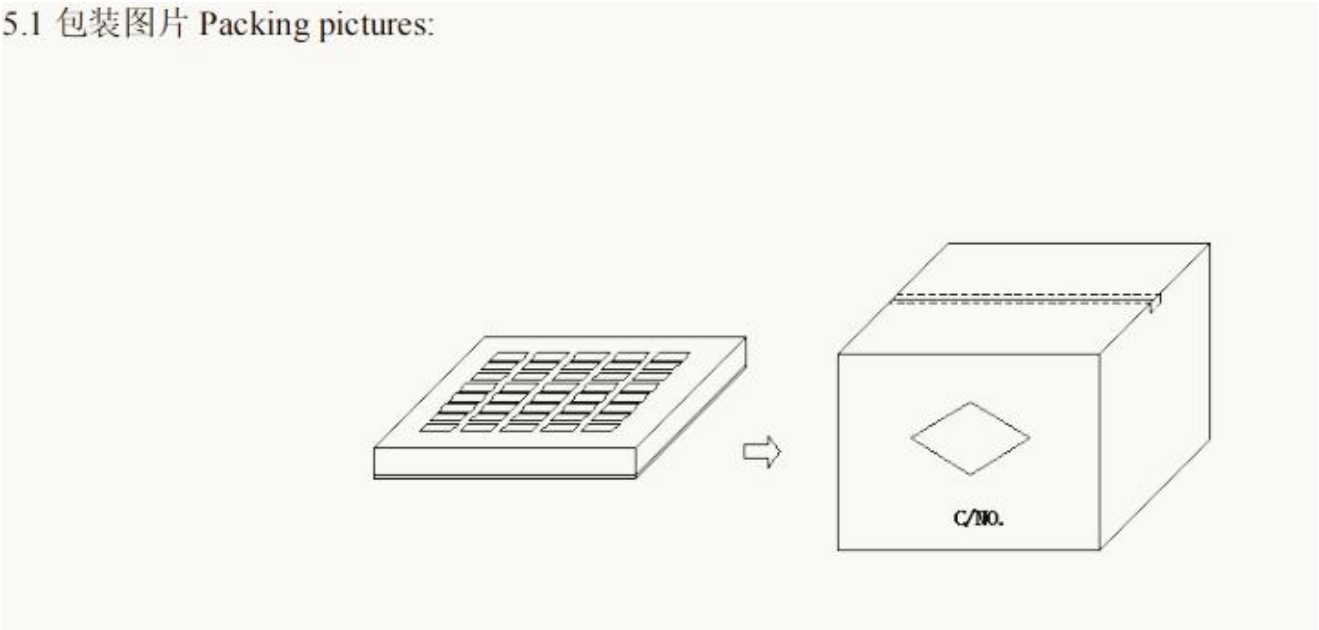
Note: The outlet position of the coil is wound with 7 MM (ref) high-temperature adhesive tape.

A	B	C	D	E	F	G	H	I	J
20.5±0.5	42±1	5±0.5	50±0.5	20±3	4±1	0.8±0.1	1.25Max		8Max

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	1000 Pcs	360*340*280 mm

5.3 he 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.

六、 Storage and Use condition

6.1 Storage condition

6.1.1 Recommended keeping conditions: $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, 70%RH (Max.)

6.1.2 Storage life : Within the limits of six months from being produced.

6.2 Use condition

Use condition limit: $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, $\text{RH} \leq 90\%$.