Customer /Client cross-core

Name/Type11/G43.5 Transmitting coil

product model

Model NO SG-A11 G43.5-6.5UH/ line length 100MM

Customer item

Client p/NO

job number

Date /Date 2025-2-14 日期

Dongguan Chengta electronic technology Co., LTD

No. 40, Baizhou Bian Avenue, Baizhou Bian Village, Dongcheng Street, Dongguan City

Engineering department of our company /For	
Modify content/	Date of recognition/

Preparation /Prepared review /Checked approval /Approved

Customer approval countersigning		
engineering	Accreditation /QC	Date of recognition

一、 Coil technology/

NO	winding	wire gauge	number of windings	direction of winding	remarks
one	N1	2UEW-B-0.08*105P*1.1	10TS	CCW	
2					

II. Electrical performance /FEATURES:

1. test conditions: 25 c, 65% RH @ 100khz/1V.

1.1 Inductance

1.1110a (single coil) = 3.3uh 20%

1.12 L0A (coil+magnetic sheet) = 6.5uh 10%

1.2 Q value =70MIN

1.3 DC resistance (DCR): 55m Ω max

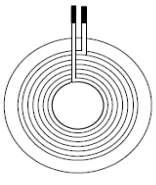
1.4 Operating Temperature)： -25℃~85℃

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

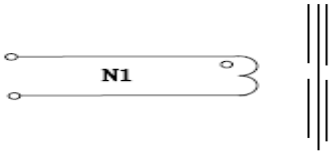
3. List of materials

NO	project	material
one	WIRE	¢ 0.08*105p*1.1 2UEW-1.0mm
2	FERRITE	50*0.56*1.0 L double-groove ferrite hard magnetism
three	GLUE	
four	SOLDER	XCD-907B
five	Adhesive	
six	High temperature adhesive	6MM high temperature adhesive tape
seven		
eight		

III. Circuit diagram /CIRCUIT DIAGRAM

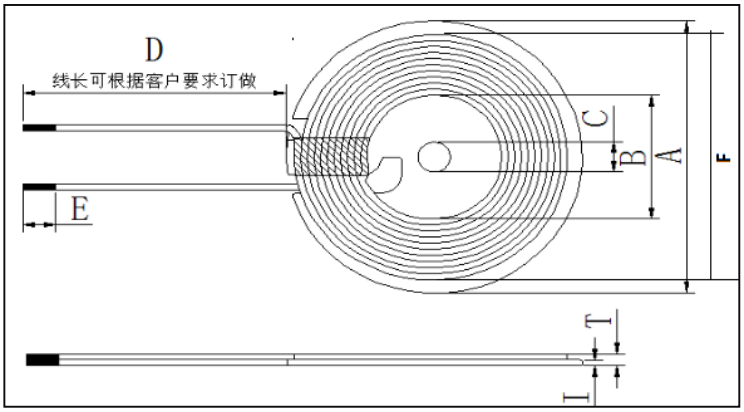


N1



unit: MM

四. Outline drawing /OUTSIDE DIAGRA



Note: 8MM(ref) high-temperature adhesive tape is wound at the outlet position of the coil.

standard	A	B	C	D	E	F	I	T
STD	43.5±1.0	20.5	5.0±0.5	According to customer requirements	2-3	42±1.2	0.8±0.1	2.8Max

Unit: MM

Vi. storage and use conditions storage and use conditions

6.1 Storage conditions storage condition

6.1.1 Suggested storage conditions: temperature -25℃~ 85℃ humidity 70% (Max.).

Recommended keeping conditions: -25℃ ~85℃, 70%RH (Max.)

6.1.2 Storage period: within six months from the date of production.

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

6.2 Use condition

Service conditions: temperature =-25℃~ 85℃, humidity ≤ 90%.

Use condition limit: T=-25℃~85℃, RH≤ 90%.