

Shenzhen Shengguang Electronic Technology Co.,LTD

Factory 40, No. 1165, Guanguang Road, Guihua
Community, Guanlan Subdistrict, Longhua District, Shenzhen

Client/Client

Name/TYPE A11/43.5/14 Single hole double groove adhesive line length 115MM and 150MM

Product model

Model NO SG-A11-44-6.3UH

Item No. A11-43.5-14-050

Part numbering systey

Customer part number G2 30, F3.

Client p/NO

Project number

Enginrer NO TQE 1800510003

Date 2023-10-17

Engineering Department/For Enginer Departner Only of the Company	
Modifying Content/Rvised Content	APPproved Date

Prepared/Reviewed/Checked/Approved

Xie Yanqi, Duan Jiawang and Xie Xiaozai

Customer approval countersign/Authorixed Signaturure Company Chop.		
Engineering/Enginrer	Approved/QC APPproved	Date of Approval/APPproved

One、Coil Process/Winding Procese:

NO	Winding	Wire Gauge	Number of turns	Winding direction	Remark
1	N1	2UEW-B-0.08*108P	12TS	CCW	

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II. Electrical performance/FEATURES:

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

1.1 Inductance

1.11 L0A (separate coil) = 4.1 uH ± 20%

1.12 L0A (coil + disk) = 6.5 uH ± 10%

1.2 Q value = 70 MIN

1.3 DC resistance (DCR): 45mΩ MAX

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

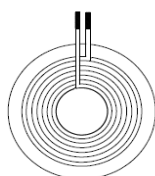
2.Test instrument: L: 1068 + 1310; DCR: 502BC; SIZE: Callipers

3.Bill of Materials

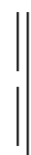
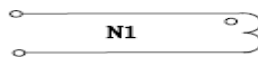
NO	Project	Material
1	WIRE	φ 0.08*105p 2UEW-1.15mm
2	FERRITE	43.5 * 5.3 * 0.7 L-shaped groove ferrite hard magnet
3	GLUE	White Glue
4	SOLDER	XCD-907B
5	Adhesive	Double-sided adhesive
6	High temperature adhesive	/
7		
8		

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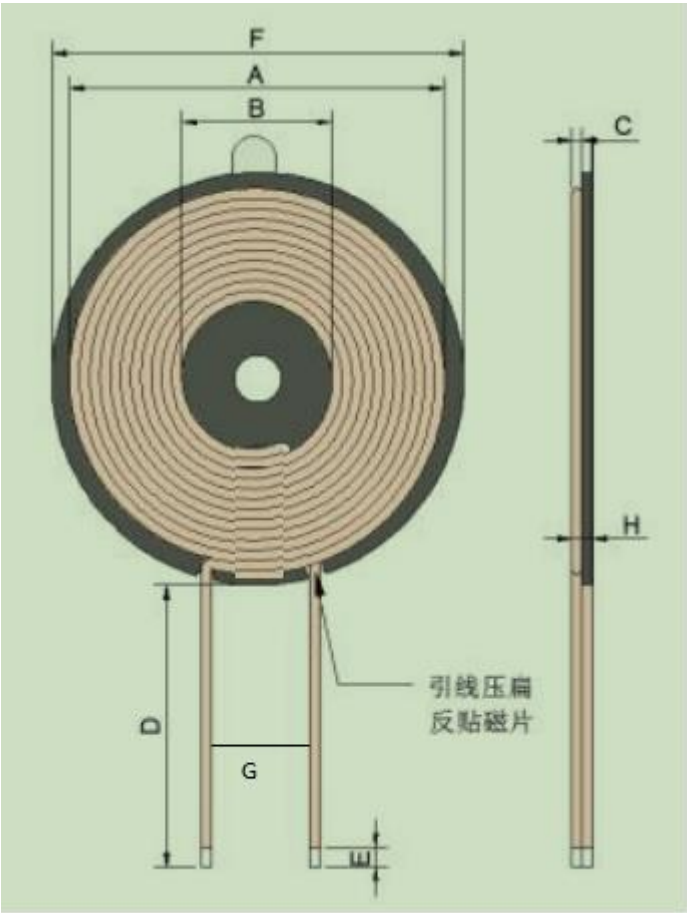
N1



Unit: MM

d. Outline drawing/OUTSIDE DIAGRA

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Stan dard	A	B	C	D	E	F	H	G
STD	38.5±1.5	14±1.2	0.7±0.15	120±2	2-5	43.5±1	2.6Max	

Unit: MM