



深圳市深广电子科技有限公司

Shenzhen Shenguang Electronic Technology Co.,LTD

客户/Client	惠州市奥嘉达科技有限公司
名称/TYPE	Diskette 43.5*5.3*0.8, double slot; Hot air wire 0.08*80p*11TS+20*0.8 small magnetic sheet 7.9uH adhesive, L=10MM
产品型/Model NO	SG-A1143.5-7.9UH
产品编号/Part numbering systey	SG-A1143.5-010-001
客户料号/Client p/NO	
工程编号/Enginrer NO	TQE 1800510003
日期/Date	2024-2-28

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Content	认可日期/APPproved Date

编制/Prepared	审核/Checked	认可/Approved
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客户认可回签/Authorixed Signaturure Company Chop		
工程/ Enginrer	认可/QC APPproved	认可日期/APPproved



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一、线圈工艺/Winding Procese:

NO	winding	guage	number of turns	direction of winding	remark
1	N1	2UEW-B-0.08*80P	11TS	CCW	
2					

二. 电气性能/FEATURES:

1.测试条件 (Test conditions) : 25°C,65%RH@100KHz/1V

1.1 电感量 (Inductance)

1.11 L0A (Individual coil) =4.6uH±20%

1.12 L0A(Coil + diskette)=7.9uH±10%

1.2 Q 值 Q value =35MIN

1.3 直流电阻 (DCR) : 70mΩ MAX

1.4 工作温度(Operating Temperature): -25°C~85°C

2.测试仪器(Test instrument): L:创达 1068+1310;DCR:502BC;SIZE:Callipers

3.材料清单/ bill of materials

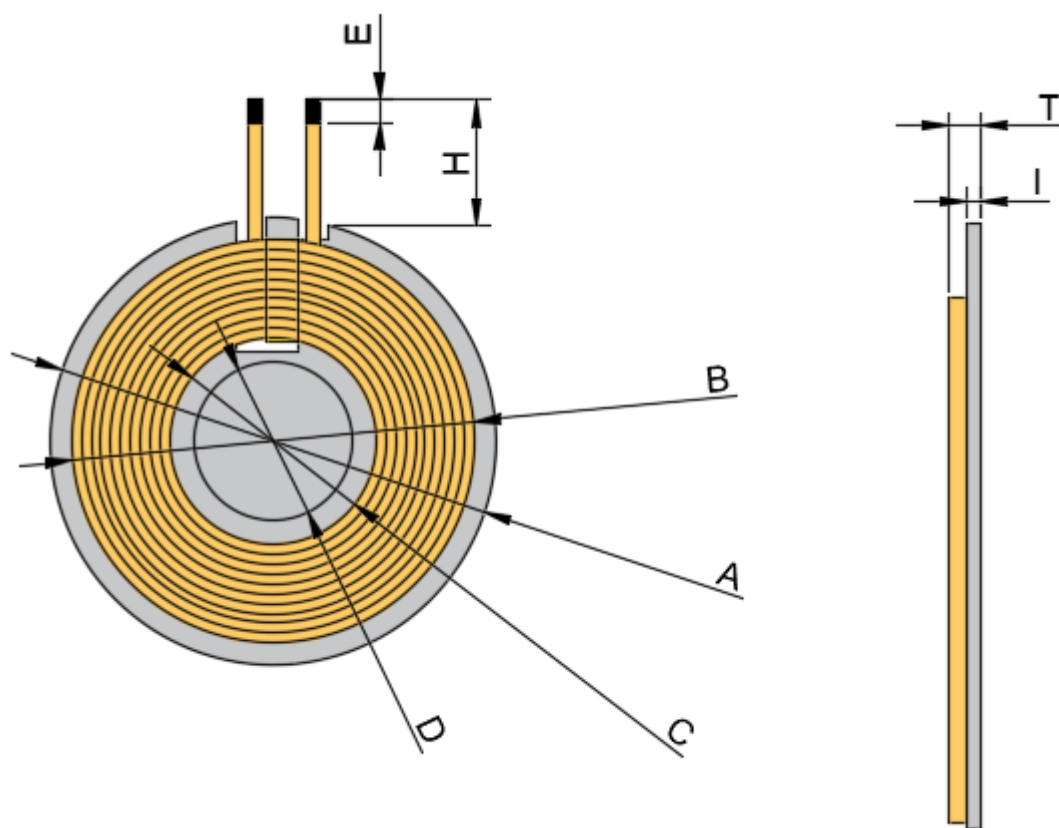
NO	Project	Materials
1	WIRE	φ 0.08*80P 2UEW
2	FERRITE	43.5*5.3*0.8 Double slot 20*0.8 ferrite hard magnetic
3	GLUE	White/yellow glue
4	SOLDER	XCD-907B
5	Adhesive	double-sided adhesive
6	High temperature adhesive	8MM(ref) high-temperature tape
7		

三. 电路图/CIRCUIT DIAGRAM



单位: MM

四. 外形图/OUTSIDE DIAGRA



Note: Coil outlet position wrapped 8MM (ref) high temperature adhesive paper

标准	A	B	C	D	H	E	I	T
STD	43.5±0.5	39.0±0.5	20.5±0.5	20±0.3	10±2	2-4	0.8±0.1	2.3Max

单位: MM



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五. 天线增益 / Antenna gain:

Operation frequency:	113kHz-205kHz
Antenna Type:	Loop coil Antenna
Antenna gain:	0dBi