

一. 线圈工艺/ Winding Process:

NO	绕组/ winding	线规/ wire gauge	匝数/ number of turns	绕线方向/ Winding direction
1	N1	2UEW-B-0.15*15P copper-clad aluminum	10TS	CCW

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 (单独线圈) =3.3uH±20%

1.12 L0A(线圈+磁片)=6.5uH±10%

1.2 Q 值=50MIN

1.3 直流电阻 (DCR) : 50mΩ MAX

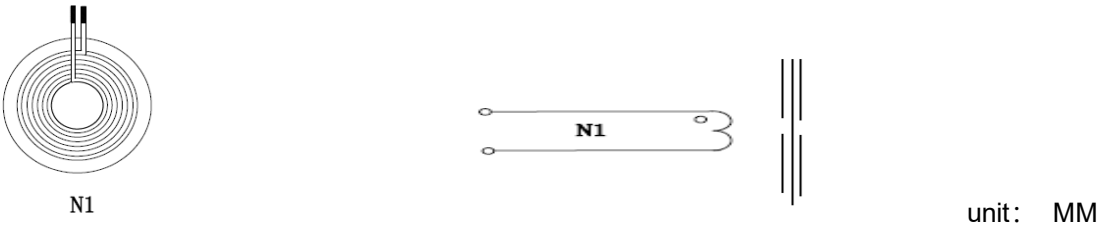
1.4 工作温度(Operating Temperature): -40°C~80°C

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

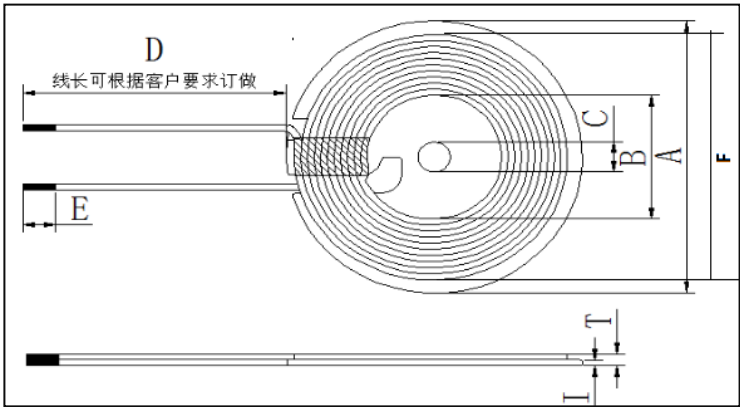
3.材料清单/ Materials

NO	项目	材料
1	WIRE	φ 0.15*15*1.1 2UEW-1.0mm
2	FERRITE	40*5*0.65 单孔铁氧体硬磁 / Single pore ferrite hard magnetic
3	SOLDER	XCD-907B
4	High temperature adhesive	6.5MM 高温胶带/High Temperature Tape

三. 电路图/CIRCUIT DIAGRAM



四. 外形图/OUTSIDE DIAGRA



remark: Wrap 6.5mm (ref) high-temperature adhesive tape around the coil outlet position

	A	B	C	D	E	F	I	T
STD	40±0.65	20.5	5.0±0.5	25MM	3-4	36.5±1.2	0.8±0.1	2.8Max

unit: MM

五. working Frequency: 118.7kHz to 161.4kHz