

深圳市鼎铭达电子科技有限公司

KingStar Electronics Technology Co., LTD.

承 认 书

Approval Sheet

客户名称(Customer): 华功科技

承认编号(Approval No.): KS241110-545-M01

客户料号(CUST P/N): _____

产品名称(Product): Φ20.5*41-0.08*54P-11TS-120-45.6LOC/1.0-3MBJ

日期(Date): 2024/11/10

拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY	客户确认 CUSTOMER APPROVE
廖雪梅	单连军	曾涛	

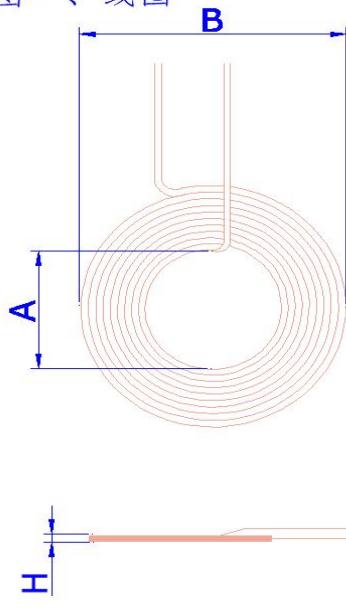
版本变更履(Change History)

客户料号(CUST P/N):	版 本(Version):		
承认书编号(Approval No.):	版本号(Version No): A/0		
KS241110-545-M01			
版本 Version	变更内容 Changes	确认 Confirmed By	日期 Date
A/0	首次制定 First version	单连军	2024-11-10

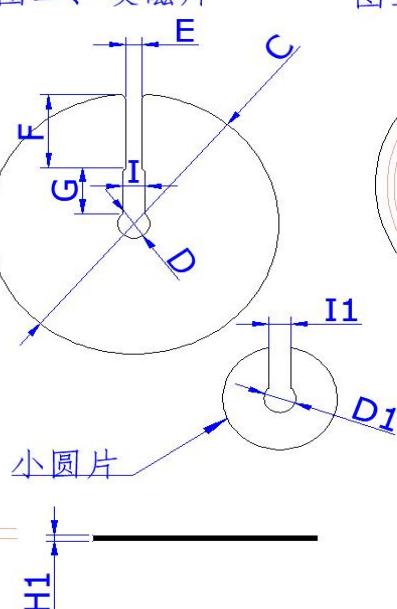
产品规格书 SPECIFICATION 图纸编号: DMD-GCQP001244							版本 A/0	客户代码: CUST		KH545			
规格型号 Specification							客户料号: CUST P/N		KR45.6-MPP				
KR45.6*1.0mm-MPP Coil (Φ20.5*41-0.08*54P-11TS-120-45.6LOC/1.0-3MBJ)							内部料号: IN P/N		DMD-KH001170				
A	B	C	D/D1	E	F	G	I/I1	J	K	H	H1	H2	--
20.5 ±0.5	41-42	45.6 ±0.5	5.0 ±0.3	2.5 ±0.2	12.81 ±0.2	8.09 ±0.2	3.5 ±0.2	120 ±2	10 ±1	0.55 ±0.1	1.0 ±0.1	2.0 Max	--

一、尺寸 DIMENSION: (mm) Coil mold 20.5Coil weight : 3.2g

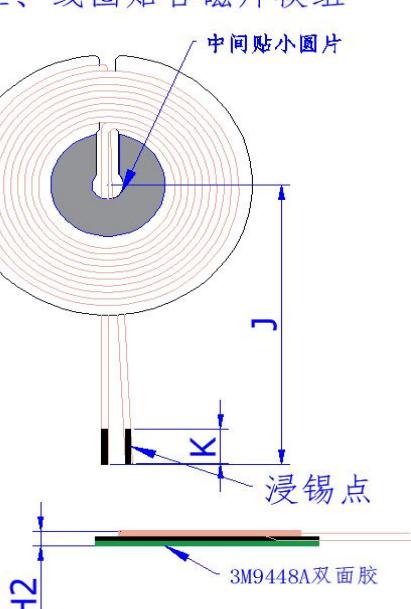
图一、线圈



图二、硬磁片



图三、线圈贴合磁片模组



Remarks:

1. The coil is wound as shown in Figure 1, and the lead wires are crossed out. The lead wire shall not be loose or loose, and the lead wire shall be pulled to the opposite side.
2. Figure 2 shows the magnetic separator, with specifications of large disc 45.6*1.0mm and small disc 18*0.75mm respectively. The small wafer is aligned with the large wafer hole and the slot is in the middle. Fit, stick 3M9448A double-sided adhesive of the same specification on the back of the magnetic sheet.
3. The coil is centered as shown in Figure 3, and the lead wire is straightened from the middle hole and slot to the back of the magnetic sheet.

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO	端子 TERMINAL		线径 WIRE	线材分解温度 Temperature	圈数 Turns	绕线方向 Winding Direction
L1	S F		0.08*54P	180-250 Degree	11TS	逆时针/Counterclockwise

四、电气特性 ELECTRICAL CHARACTERISTIC:

温度 TEMPERATURE:25±10°C, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO	材质 Material	电感量 LS	阻抗 DCR	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
L1	//	4.6uH±10% (单线圈/Coil)	155mΩ±10%	19Min	100KHz/1.0V
L2	硬磁片/Ferrite	8.1uH±10%	155mΩ±10%	19Min	100KHz/1.0V