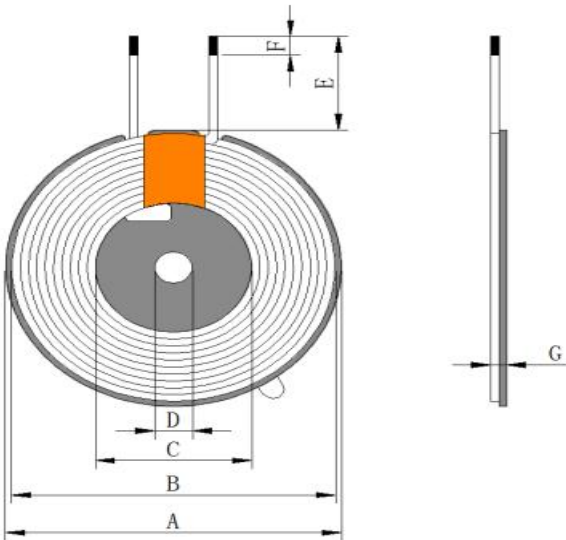
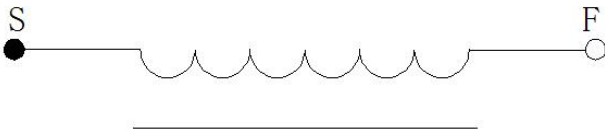

Antenna Specification

Manufacturer	Guangdong BiQiO Electronics Co., Ltd
Address	105, 1101, 1102, 1103, 1104, No.10-2, 7th Street, Sanlian, Gulao Town, Heshan City, Guangdong Province,China
ANT MODE	Φ43.5MMX5.3MMX0.8MM
DATE:	2024.06.27
Version:	A.0

Version Change History

[illegible]

SPECIFICATION

产 品 型 号: DESC		Φ20.5MMX43.5-6.3uH-0.07*100P*10TS		版本 Rev: A.0	客户 CUST:																																				
					客户料号 CUST P/N:																																				
一、尺寸 DIMENSION:(mm) 					A	43.5±0.5																																			
					B	42±1.0																																			
					C	20.5±0.5																																			
					D	5.0±0.5																																			
					E	40±1.5																																			
					F	5±1																																			
					G	2.3±0.2																																			
					二、原理图 SCHEMATIC DIAGRAM: 					注:																															
1. Cross outgoing line;																																									
2. Wrap 8mm (ref) wide high-temperature adhesive tape 1-2Ts around the outlet position;																																									
三、绕线参数 Winding Specification: <table><tr><td>序号 NO.</td><td colspan="2">端子 TERMINAL</td><td>线径 WIRE</td><td>圈数 Turns</td><td>绕线方向 Winding Direction</td></tr><tr><td>1</td><td>S</td><td>F</td><td>丝包线 0.07*100P</td><td>10Ts</td><td>CCW</td></tr></table>					序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction	1	S	F	丝包线 0.07*100P	10Ts	CCW	3. The coil is attached with a circular hard magnetic disc with slots, with a magnetic disc size of 43.5 ± 0.5mm, an inner hole of 5.0 ± 0.5mm, and a thickness of 1 ± 0.1mm.																								
					序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction																															
					1	S	F	丝包线 0.07*100P	10Ts	CCW																															
4. Stick Double-sided tape on the back of the coil																																									
四、电气特性 ELECTRICAL CHARACTERISTICS: 温度 TEMPERATURE:25±10°C, 湿度 RELATIVE HUMIDITY:65±20% <table><tr><td>序号 NO.</td><td>项目 ITEM</td><td>端子 TERMINAL</td><td>标准 SPECIFICATION</td><td>测试条件 TEST FREQUENCY</td><td colspan="2">测试仪器 TEST EQUIPMENTS</td></tr><tr><td>1</td><td>IND.</td><td>S-F</td><td>3.8uH ±10%单独线圈</td><td>100KHz/1.0V</td><td colspan="2">LCZ METER 1062B</td></tr><tr><td>2</td><td>IND.</td><td>S-F</td><td>6.3uH ±10%加磁盘</td><td>100KHz/1.0V</td><td colspan="2">LCZ METER 1062B</td></tr><tr><td>3</td><td>DCR</td><td>S-F</td><td>≤50m Ω</td><td>100KHz/1.0V</td><td colspan="2">LCZ METER 502B</td></tr><tr><td>4</td><td>Q</td><td>S-F</td><td>≥68</td><td>100KHz/1.0V</td><td colspan="2">LCZ METER 502B</td></tr></table>							序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS		1	IND.	S-F	3.8uH ±10%单独线圈	100KHz/1.0V	LCZ METER 1062B		2	IND.	S-F	6.3uH ±10%加磁盘	100KHz/1.0V	LCZ METER 1062B		3	DCR	S-F	≤50m Ω	100KHz/1.0V	LCZ METER 502B		4	Q	S-F	≥68	100KHz/1.0V	LCZ METER 502B	
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2023.06.27				2024.06.27																																					