

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

BESOFTP/N:

DESC: **Φ20.5x42-10Ts-0.08x105-10mm-CLB**DATE: **2022/07/15**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Feng Boqun	Su Yanping	Qian Limu	

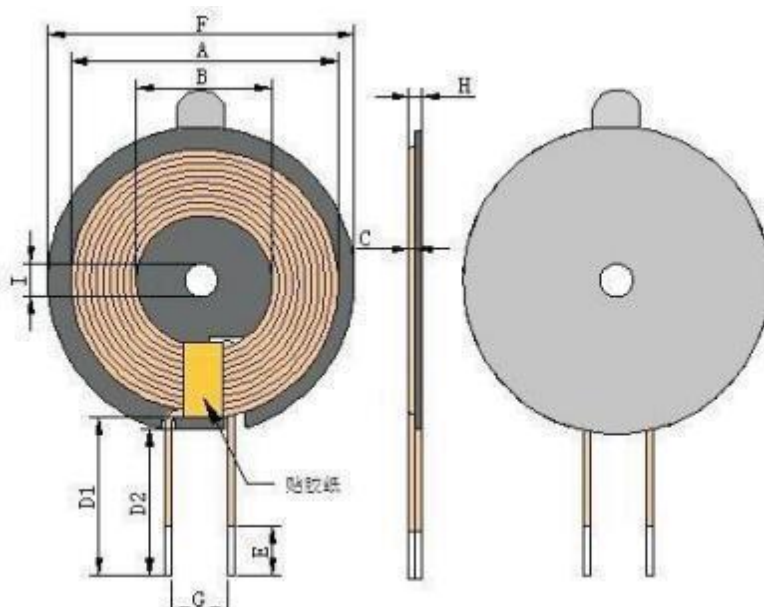
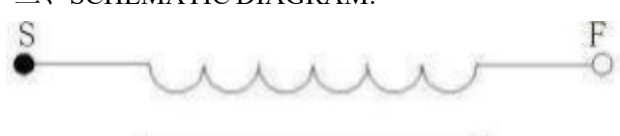
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Version Change History

[illegible]

SPECIFICATION

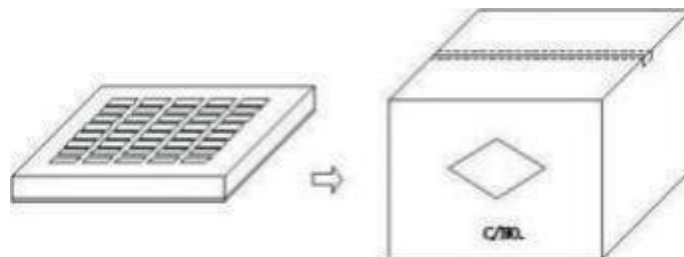
DESC	Φ 20.5x42-10Ts-0.08x105-40mm-CLB	Rev: A 0	CUST:			
			Fine P/N:			
			CUST P/N:			
一、DIMENSION:(mm) 					A	42.0±1.5
					B	20.5±0.5
					C	1.2±0.05
					D1	12±1
					D2	10±1
					E	3-5mm
					F	50±0.5
					G	11.0 ref
					H	2.6±0.2 Max
					I	5.3 ref
Note: 1. The coil is pasted with magnetic sheet, the size of the magnetic sheet is 50 ± 0.5mm, the inner hole is 5.0mm, and the thickness is 1.0 ± 0.1mm, L slot 2. Wrap 8mm ± 0.5 high temperature adhesive tape at the coil outlet position. 3. The back of the magnetic disc is pasted with ordinary double-sided adhesive tape with a circular diameter of 48 mm (ref) and an inner hole of 7.0 mm (ref).						
二、SCHEMATIC DIAGRAM: 						
三、Winding Specification:						
NO	TERMINAL		WIRE	Turns	Winding Direction	Antenna gain
1	S	F	Wrapped wire 0.08 * 105P	10Ts	CCW	0dBi
四、ELECTRICAL CHARACTERISTICS: TEMPERATURE :25 ±10 °C, RELATIVE HUMIDITY :65 ±20%						
NO	ITEM	TERMINAL	SPECIFICATIO	TEST FREQUENCY	TEST EQUIPMENTS	
1	IND.	S-F	3.8uH ±20%Individual coil	100KHz/1.0V	LCZ METER 1062B	
2	IND.	S-F	6.5 uH ±10%Magnetic disk	100KHz/1.0V	LCZ METER 1062B	
3	Q 值	S-F	85.0(ref) Magnetic disk	100KHz/1.0V	LCZ METER 1062B	
4	DCR	S-F	≤55m Ω		LCZ METER 502B	
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五、PACKONG:

5. 1 Packing pictures:



5.2 Packing Quantity:

Item	Quantity	Material	
Box	350 Pcs	370*265*55mm	
Big Carton	1400 Pcs	390*270*245mm	

5.3 The packaging shall be based on the existing packing plate and the actual delivery package shall prevail. If there is any requirement, we can customize it.

六、Material list:

number	Material name	Description	Manufacturer
1	Wrapped wire 0.08 * 105 strands	Acetone filament 0.08 * 105 strands	
2	Solder Bar	Solder Bar	
3	Magnetic disk	Φ 50 * 5.3 * 1.0mm manganese zinc hard magnetic sheet	
4	glue	201 glue	
5	High temperature adhesive tape	8mm wide high temperature adhesive tape	
6	Perforated double-sided adhesive tape	Circular diameter 48 mm (ref) adhesive backing with hand tear	

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