

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

FINE P/N:

G43.5-6.5uH 0.08*24*2P*10TS

DESC:

Φ43.5MMX5.0MMX0.6MM

DATE:

2026/05/08

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
HuangYanming	Ning Yuan'an	Huang Jinhua	

Manufacturer: Shenzhen Songdao Technology Co., Ltd

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SPECIFICATION

DESC	Φ 20.5x38.5-6.5uH-0.08x24*2P-45mm-43. 5C	Rev: A.0	CUST:	XXX	
			CUST P/N:		
1.DIMENSION:(mm)			A	38.5.0±1	
			B	20.5±0.5	
			D	45±2	
			E	3±2	
			F	43.5±1	
			G	7	
			H	1.6±0.2	
			I	5.3±0.5	
			J	41±0.5	
			K	3max	
			M	8max	
Frequency Range: 110-205KHz			annotation:		
2.SCHEMATIC DIAGRAM:			1.Wrap 7mm (Ref)		
			high-temperature adhesive tape		
			1-2ts around the outgoing line;		
			2.The coil is pasted with round		
			hard magnetic piece with slot,		
			the size of magnetic piece		
			is43.5 ± 0.5mm, the inner		
			hole is 5.0mm, the thickness is		
			0.6± 0.2mm, and the back		
			glue is pasted;		

3.Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*24*2P	10Ts	CCW

4.ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±20%Individual coil	100KHz/0.25V	LCZ METER UC2836
2	IND.	S-F	6.5uH ±10%Coil plus magnetic sheet	100KHz/0.25V	LCZ METER UC2836
3	Q	S-F	≥38	100KHz/0.25V	LCZ METER UC2836
4	DCR	S-F	≤90m Ω	100KHz/0.25V	LCZ METER UC2836

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We, Arcadia Collection Co., Ltd, states that All measurements were performed radiated and therefore additional antenna gain documentation is not required.