

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

FINE P/N:

 Φ 50MMX5.0MMX0.9MM

DESC:

A11-50-20.5/0.08*105*12TS-50MM

DATE:

2022/5/20

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Meixian Xiang	Chaoling Lan	GongLing Xiang	

Shenzhen Chengxiangsheng Intelligent Technology Co., Ltd

Factory Address: Rm605, No. 2nd LingBeiSiRoad, FengHuang
Community, Fuyong, Bao'an District, Shenzhen, Guangdong, China

TEL: 18923715829

Version Change History

[illegible]

SPECIFICATION

DESC	Φ 20.5x47-10uH-0.08x105Px12TS-50mm-50	Rev: A.0	CUST:	XXX																															
			CUST P/N:																																
1. DIMENSION:(mm)			A	47±1.5																															
			B	20.5±0.5																															
			C	0.9 Max																															
			D	50±3																															
			E	4±2																															
			F	50±0.5																															
			G	8.0 ref																															
			H	2.5 Max																															
			I	5.3 ref																															
			M	6.0 ref																															
			J	49±1																															
			K	5.0±1																															
			注:																																
			1.Cross coil out																																
			2.Use 8mm(ref) high temperature adhesive tape to wrap the coil out position 1-2Ts																																
			3. Coil sticks round magnetic sheet with slot/gum. magnetic sheet size: 50±0.5mm, bore size: 5.3mm, thickness: 0.9±1.5mm																																
			2. SCHEMATIC DIAGRAM:																																
			3. Winding Specification:																																
			<table><tr><td>NO.</td><td colspan="2">TERMINAL</td><td>WIRE</td><td>Turns</td><td>Winding Direction</td></tr><tr><td>1</td><td>S</td><td>F</td><td>silk covered wire 0.08*105P</td><td>12Ts</td><td>CCW</td></tr></table>			NO.	TERMINAL		WIRE	Turns	Winding Direction	1	S	F	silk covered wire 0.08*105P	12Ts	CCW																		
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			1	S	F	silk covered wire 0.08*105P	12Ts	CCW																											
			4. ELECTRICAL CHARACTERISTICS:																																
			TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%																																
			<table><tr><td>NO.</td><td>ITEM</td><td>TERMINAL</td><td>SPECIFICATION</td><td>TEST FREQUENCY</td><td>TEST EQUIPMENTS</td></tr><tr><td>1</td><td>IND.</td><td>S-F</td><td>5.8uH ±20% single coil</td><td>100KHz/1.0V</td><td>LCZ METER 1062B</td></tr><tr><td>2</td><td>IND.</td><td>S-F</td><td>9.5uH ±10% magnetic sheet</td><td>100KHz/1.0V</td><td>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>LCZ METER 502B</td></tr><tr><td>4</td><td>Q</td><td>S-F</td><td>≥75m Ω</td><td>100KHz/1.0V</td><td>LCZ METER 502B</td></tr></table>			NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS	1	IND.	S-F	5.8uH ±20% single coil	100KHz/1.0V	LCZ METER 1062B	2	IND.	S-F	9.5uH ±10% magnetic sheet	100KHz/1.0V	LCZ METER 1062B	3	DCR	S-F	≤50m Ω	100KHz/1.0V	LCZ METER 502B	4	Q	S-F	≥75m Ω	100KHz/1.0V	LCZ METER 502B
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Meixian Xiang2022/05/20	GongLing Xiang2022/05/20
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