

SPECIFICATION FOR APPROVAL

Customer: **CYSPO Technology Shenzhen Co., Ltd.**

CUST P/N:

FINE P/N:

DESC: **Φ20.5mm*39mm-8.1uH-0.08*80P*11Ts-10mm**

DATE: **2025.12.18**

Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Shangguan Luyou	Shangguan Luyou	 Anshuai Yin	

Shen zhen SAN SHENG CHUANG Electronic Technology Co.,Ltd

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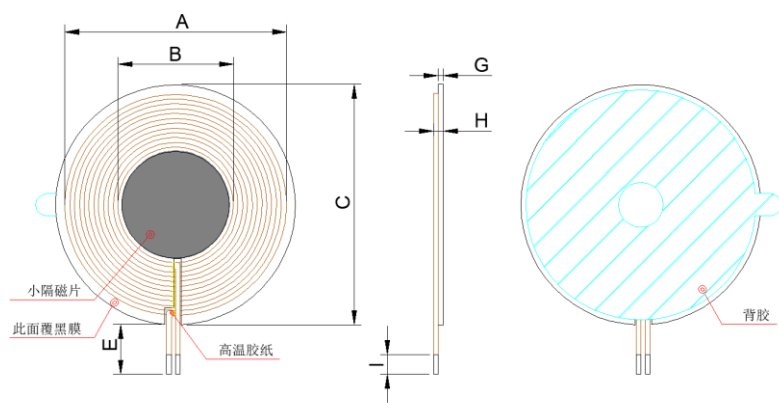
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VersionChangeHistory

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SPECIFICATION

D E S C	Φ20.5mm*39mm-8.1uH-	Rev: A. 0	CUST:	CYSPO Technology Shenzhen Co., Ltd.																															
	0.08*80P*11Ts-10mm		CUST P/N:																																
1. Dimension (mm) 				A	39±1.0																														
				B	20.5±0.5																														
				C	42.5±0.5																														
				D	5.3±0.5																														
				E	10±2.0																														
				G	0.5±0.1																														
				H	1.6±0.2																														
				I	3.0±1.0																														
2. Schematic Diagram: 				NOTE: 1.Crossing out the wire; 2.Wrap 2.5mm(ref) width high temperature adhesive paper 1-2Ts at the outlet position.																															
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>Hot air line 0.08*80P</td><td>11Ts</td><td>CCW</td></tr></table>						NO.	TERMINAL		WIRE	Turns	Winding Direction	1	S	F	Hot air line 0.08*80P	11Ts	CCW																		
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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>8.1uH ±10% magnetic chip</td><td>100KHz/0.25V</td><td>TM U2832</td></tr><tr><td>2</td><td>DCR</td><td>S-F</td><td>≤74 mΩ</td><td>100KHz/0.25V</td><td>TM U2832</td></tr><tr><td>3</td><td>Q price</td><td>S-F</td><td>≥60</td><td>100KHz/0.25V</td><td>TM U2832</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS	1	IND.	S-F	8.1uH ±10% magnetic chip	100KHz/0.25V	TM U2832	2	DCR	S-F	≤74 mΩ	100KHz/0.25V	TM U2832	3	Q price	S-F	≥60	100KHz/0.25V	TM U2832						
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List of materials:				
NO	Material name	Description		
1	wire stock	Hot air line 0.08*80P		
2	magnetic sheet	Hard magnetic tape with grooves (42.5mm in width, 0.5mm in thickness) Black film on the front		
3	tin bar	Lead-free tin strip (high temperature)		
4	High-temperature adhesive tape	2.5mm high-temperature adhesive tape		
5	glue	Environmental White Latex		
6	Back adhesive	(9448A 3M) Back adhesive 41*8		
7	Small magnetic sheet	20mm*0.8mm small round magnetic isolation sheet (with black film)		

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