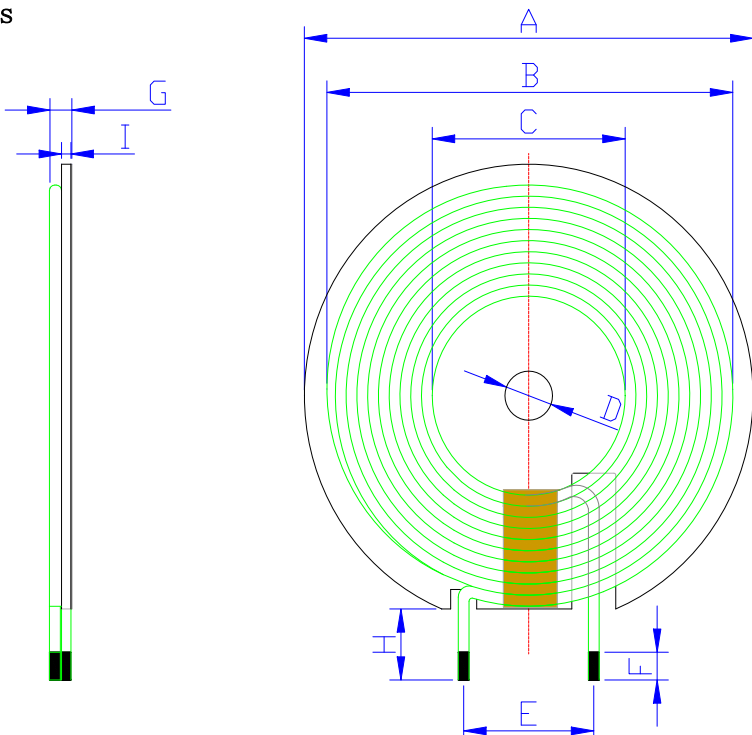


Product Specification Book

customer name		Shenzhen Yongman Digital Co., Ltd.		Customer Part Number	
P/N(Part Number)		20250301001 - 43.5 with two slots, L = 50MM		specification number	
		20251117001		Version	
				001	
◆、Dimensions					
					
				(Unit: mm)	
A				43.5 ±0.5	
B				39.0 ±1	
C				14.5 ±0.5	
D				5.7	
E				6.0 ref	
F				3 ±1	
G				1.8Max	
H				50.0 ±2	
I				0.65 ±0.1	
				(1)Wire diameter: 0.08 * 24P bare copper wire	
				(2)Number of turns in the coil:12TS	
				(3)Does the tail line cross over: Yes	
				(4)4MM coil high-temperature adhesive tape	
				(5)The coil and the magnetic sheet need to be adhered in the center.	
				(6)The back of the magnetic disk is coated with 42.5mm thick, non porous white adhesive.	
				(7)Add 5 * 1.5 small magnets	
◆、electrical specification:					
parameter		specification		test condition	
L0		7.0 ±10% μH		100KHz/1V	
Q		>60 min		100KHz/1V	
DCR		<50 mΩ		@ 25℃	
				■TH1816B	
				■TH1816B	
				■CH-502BC	
◆、temperature grade:					
operating temperature		-40℃~ 125℃			
◆、bill of materials					
No.		Name		material specification	
supplier		Note			
1		magnetic sheet		43.5 * 5.3 * 0.65T - Double-slot version	
2		copper wire		0.08 * 24P bare copper wire	
3		high-temperature tape		4MM	
4		tin		107H	
5		glue		Yellow glue	
6		glue			
authorized strength		audit		ratify	
Xiao Shufang		Peng Yong		Zhu Hui	

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