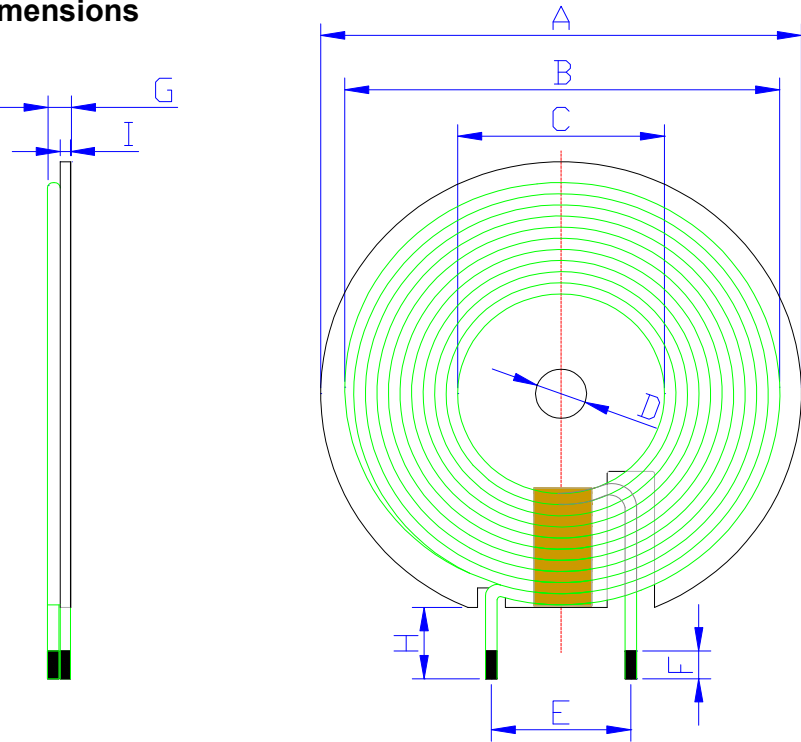


Product specification book

Customer name		Customer material number			
Material number	TD-HBY20240524001-43.5开双槽L=50MM	Specification number	20240524001	Version	001
<div>◆、Overall dimensions</div> <div></div>				(Unit: mm)	
				A	43.5 ±0.5
				B	39.5 ±1
				C	20.5 ±0.5
				D	5.3
				E	15.0 ref
				F	3 ±1
				G	1.7 Max
				H	17.0 ±2
				I	0.60 ±0.1(Thickness)
				(1) Wire diameter: 0.08*24P bare copper wire	
				(2) Number of winding turns :10TS	
				(3) Whether the starting and ending lines cross: Yes	
				(4) The coil is wrapped with 8mm wide high-temperature tape	
				(5) The coil and the magnetic sheet need to be pasted and centered	
				(6) The back of the magnetic sheet 42 is equipped with a white circular adhesive backing	
◆、Electrical characteristics:					
Parameter	Specification	Test conditions	Testing instrument		
L0	6.5 ±10% μH	100KHz/1V	■TH1816B		
Q	>40 min	100KHz/1V	■TH1816B		
DCR	<50 mΩ	@ 25℃	■CH-502BC		
◆、Temperature grade:					
Operating temperature	-40℃~ 125℃				
◆、List of materials:					
Serial number	Product name	Material specification	Supplier	Remarks	
1	Magnetic sheet	43.5*5.3*0.6T with double slots		PC95 zinc hydroxide	
2	Copper wire	0.08*24P bare copper wire		Bare copper wire	
3	High-temperature	8MM		Environmentally friendly tape	

4	tin	107H		Qian Dao Environmental Protection Tin				
5	glue	Yellow gum		Environmentally friendly glue				
6	Double- sided tape							
Compilation		Review			Approval			

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