

Product specification book

Customer name			Customer material number						
Material number	TD-HBY20240524001-43.5开双槽L=50MM		Specification number	20240524001		Version			
◆ Overall dimensions		(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% μ H	100KHz/1V	■TH1816B						
Q	>40 min	100KHz/1V	■TH1816B						
DCR	<50 mΩ	@ 25°C	■CH-502BC						
◆ Temperature grade:									
Operating temperature	-40°C~ 125°C								
、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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