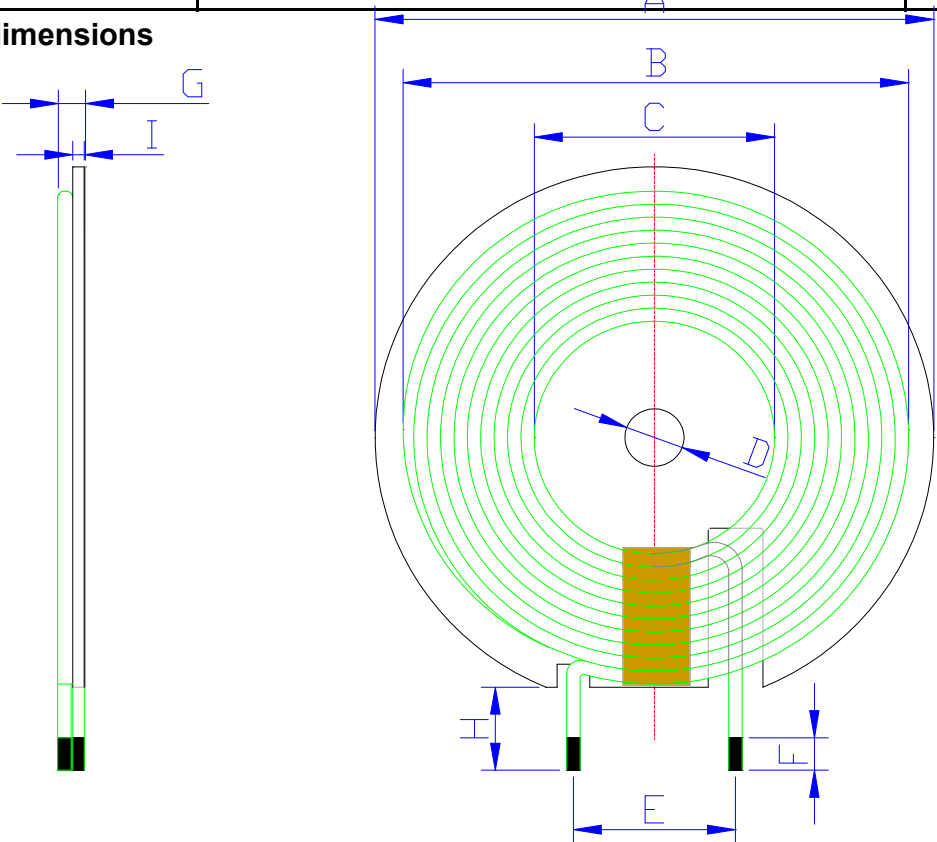


Product specification book

Customer	Shengjixin Electronics Co., LTD		Customer material number			
Hui Bo Ya Liao Hao	Td-hby202409301-43.5 Double slot L=40MM		Specification number	20251205001	Version	001
◆. External dimensions 			(Unit: mm)			
			A	43.5 ±0.5		
			B	39.0 ±0.5		
			C	20.5 ±0.5		
			D	5.3		
			E	10.0		
			F	3 ±1		
			G	1.5Max		
			H	40 ±1		
			I	0.60 ±0.1(thickness of the magnetic sheet)		
			(1) Wire diameter: 0.08*24P bare copper wire			
			(2) Number of winding turns :10TS			
			(3) Number of layers per layer: Single layer			
			(4) 8MM high-temperature tape for the coil			
			We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.			
Operation Frequency	100-300KHz					
Antenna Type	Loop coil antenna					
Antenna gain:	0dBi					
◆. Electrical characteristics:						
Parameter	Specification		Test conditions	Testing instrument		
L0	6.5 ±5% 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*0.6*5.3T with double slots	PC95 zinc hydroxide			
2	Copper wire	0.08*24P bare copper wire	Bare copper wire			
3	High-temperature tape	8MM	Environmentally friendly tape			
4	tin	107H	Qian Dao Environmental Protection Tin			
5	glue	Yellow gum	Environmentally friendly glue			
6	glue					
Compilation		Review		Approval		
Xiao Shufang		Peng Yong		Zhu Hui		
Manufacturer	Anfu County Huibo Ya Electronics Co., LTD					
Address	The old cinema factory building in Jintian Township, Anfu County, Ji 'an City, Jiangxi Province					