

# SPECIFICATION FOR APPROVAL



Specification number	HG2023082003
Effective date	

Product type	A11 Single coil 12 turns L=20MM
Honggui P/N	43.5*0.8 double slot with hole 12 rings back round white glue
Customer P/N	

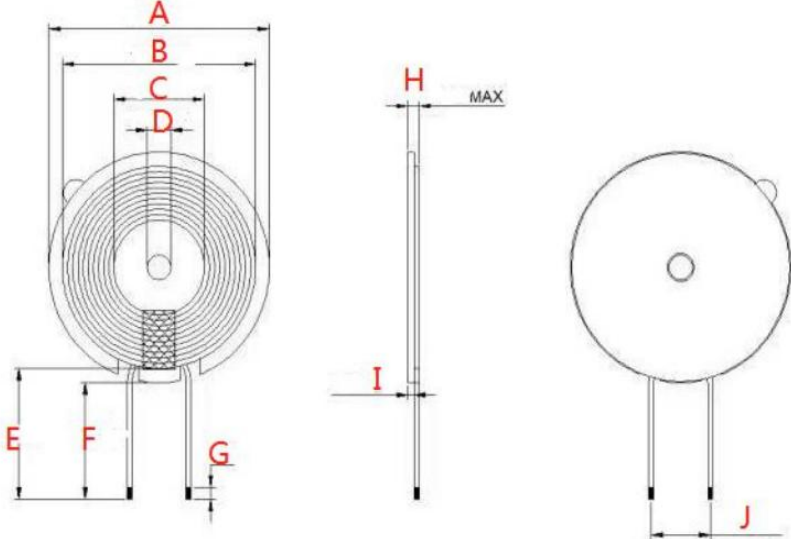
【☒ New edition issued, ☐ version revised】 【This specification contains 3 pages of contents】  
【 RoHS Compliant Parts 】

## Anfu Honggui Electronics Co., LTD

No. 78 Bijiaoshan Road, Zhangmutou Town, Dongguan City, Guangdong Province, China

This SPECIFICATION FOR APPROVAL must be signed and returned to the customer within one week of receipt. Overdue production shall be regarded as following the standards of this acknowledgement.

SPECIFICATION FOR APPROVAL

Customer	Zhongli Guanda (Shenzhen) Intelligent Technology Co., LTD		Customer P/N			
Honggui P/N	43.5*0.8 double slot with hole 12 rings back round white glue		Specification number	HG2023082003	Edition	01
<div>◆Boundary Dimension</div> <div></div>				(Unit: mm)		
				A	43.5 ± 0.5	
				B	40.0 ±1.5	
				C	15.0 ±0.5	
				D	5.3	
				E	22.0 ±2	
				F	20.0 ±2	
				G	3.0 ±1	
				H	2.4 ±0.2	
				I	0.8 ±0.1	
				J	8	
				1.Wire diameter: 0.08*105P silk-covered self-adhesive copper wire		
				2.Number of coils wound: 12TS		
				3.Whether the start and end lines cross: Yes		
				4.Wrap coil with 8mm wide high temperature tape		
				5.The coil and magnetic disk must be centered		
6.Disc back round 42 white glue						
Operation Frequency		100-500KHz				
Antenna Type		Loop coil antenna				
Antenna gain:		0dBi				
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.						
(front view)		(side view)		(bottom view)		
Parameter						
L0	Specification		Test condition		Test instrument	
L0	6.8±0.3 μH		100KHz/1V		■TH1816B	
Q	>30 min		100KHz/1V		■TH1816B	
DCR	<60 mΩ		@25℃		■CH-502BC	
Operating temperature						
	-40℃~125℃					
◆Bill of materials						
Serial s						
1	Materials	Specification	Suppliers	Notes		
2	Magnetic sheet	43.5 *0.8 Double slots with holes		PC95Mn-Zn		
3	Copper wire	0.08*105P		Silk-covered self-adhesive copper wire		
4	High-temperature tape	8MM		Eco-friendly adhesive tape		
5	Tin	High temperature tin bar		Thousand island environmental tin		
6	Glue	White glues		Eco-friendly adhesive		
7	Adhesive backing	42 rounds of white glue				