

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 】

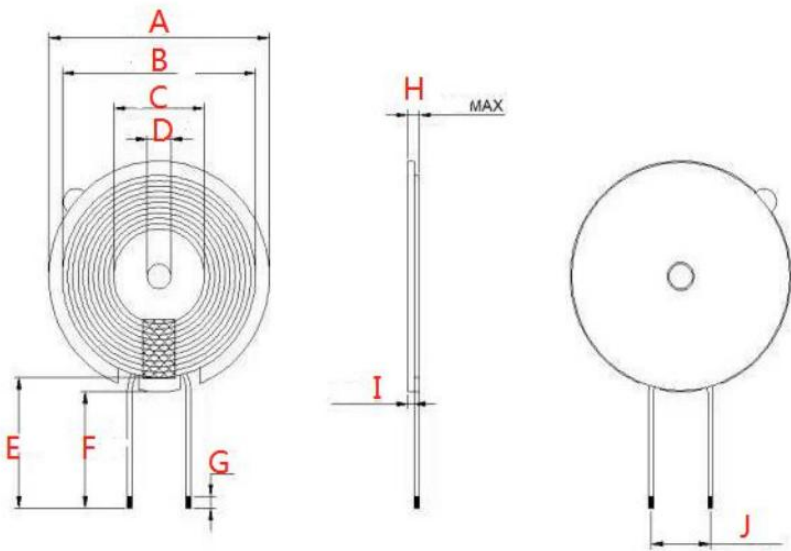
AUTHOR	CHECK	APPROVE
Peng Jianji <i>Peng Jianji</i>	He Licheng <i>He Licheng</i>	Dan Keqing <i>Dan keqing</i>

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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

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Customer			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						
◆Boundary Dimension  <table><tr><td>Operation Frequency</td><td>100-500KHz</td></tr><tr><td>Antenna Type</td><td>Loop coil antenna</td></tr><tr><td>Antenna gain:</td><td>0dBi</td></tr></table> We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required. (front view) (side view) (bottom view)				Operation Frequency	100-500KHz	Antenna Type	Loop coil antenna	Antenna gain:	0dBi	(Unit: mm)		
				Operation Frequency	100-500KHz							
				Antenna Type	Loop coil antenna							
				Antenna gain:	0dBi							
				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												
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												
Serials												
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										
AUTHOR		CHECK		APPROVE								
Peng Jianji												