

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】

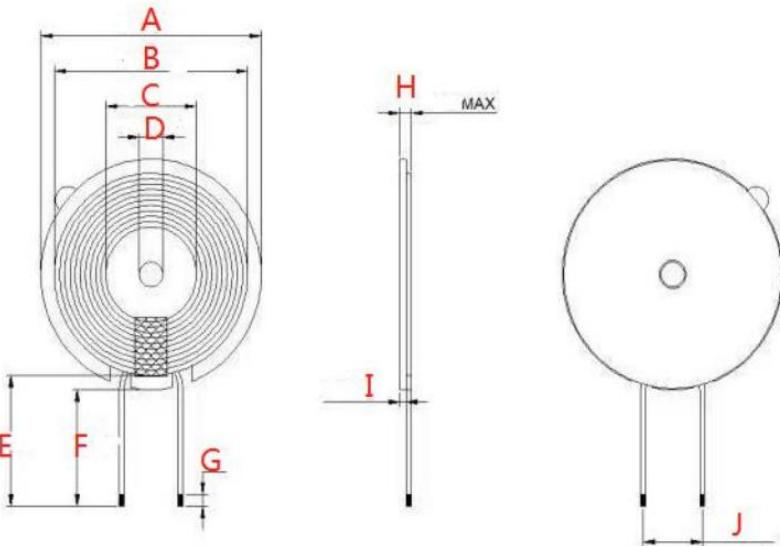
【 RoHS Compliant Parts 】

Anfu Honggui Electronics Co., LTD

No. 78 Bijiashan 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																				
◆Boundary Dimension		<div style="text-align: right;">(Unit: mm)</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">A</td><td>43.5 \pm 0.5</td></tr> <tr> <td>B</td><td>40.0 \pm 1.5</td></tr> <tr> <td>C</td><td>15.0 \pm 0.5</td></tr> <tr> <td>D</td><td>5.3</td></tr> <tr> <td>E</td><td>22.0 \pm 2</td></tr> <tr> <td>F</td><td>20.0 \pm 2</td></tr> <tr> <td>G</td><td>3.0 \pm 1</td></tr> <tr> <td>H</td><td>2.4 \pm 0.2</td></tr> <tr> <td>I</td><td>0.8 \pm 0.1</td></tr> <tr> <td>J</td><td>8</td></tr> </table>				A	43.5 \pm 0.5	B	40.0 \pm 1.5	C	15.0 \pm 0.5	D	5.3	E	22.0 \pm 2	F	20.0 \pm 2	G	3.0 \pm 1	H	2.4 \pm 0.2	I	0.8 \pm 0.1	J	8
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		<p>1. Wire diameter: 0.08*105P silk-covered self-adhesive copper wire</p> <p>2. Number of coils wound: 12TS</p> <p>3. Whether the start and end lines cross: Yes</p> <p>4. Wrap coil with 8mm wide high temperature tape</p> <p>5. The coil and magnetic disk must be centered</p> <p>6. Disc back round 42 white glue</p>																							
Operation Frequency	100-500KHz																								
Antenna Type	Loop coil antenna																								
Antenna gain:	0dBi																								
<p>We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.</p>																									
(front view)		(side view)	(bottom view)																						
Parameter																									
L0	Specification	Test condition	Test instrument																						
L0	6.8 \pm 0.3 μ H	100KHz/1V	■ TH1816B																						
Q	>30 min	100KHz/1V	■ TH1816B																						
DCR	<60 m Ω	@25°C	■ CH-502BC																						
Operating temperature																									
-40°C ~ 125°C																									
◆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																							