

SPECIFICATION FOR APPROVAL



Specificati on No	HG20250311001
Effective Date	

Customer Name	Yitianyuan Electronic Technology Co., Ltd.
Product Type	Earphone Coil, Lead Length L=25MM
Honggui P/N	42.5*0.8 Double Slot with Hole, 12 Turns, Round White Adhesive Backing
Customer P/N	

【 ☒ New Document Issued , ☐ Revision Update】 【 This specification document contains a total of 2 pages including table of contents 】 【 RoHS Compliant Parts 】

Prepared by	Checked by	Approved by
Peng Jianji		

Please affix your company seal and send back this approval document within one week upon receipt. If overdue, production shall be carried out strictly in accordance with the standards specified herein.

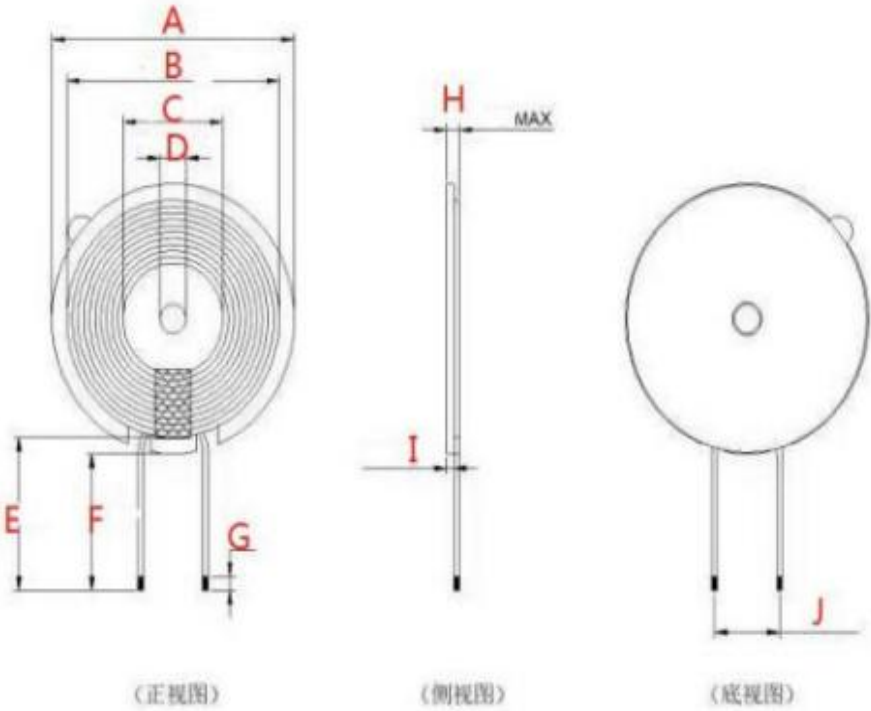
【Customer Approval】 Approval Status: ☐ Fully Approved ☐ Conditionally Approved ☐ Rejected Day:			
Approved by	Checked by	Re-inspected by	Inspected by

Shenzhen Hongrishengwei Technology Co., Ltd.
nd Floor, Building B, Hongsheng Science and Technology Park, No. 48 Huanguan Middle Road,
Guanlan, Longhua New District, Shenzhen, Guangdong Province, China

Product Specification Sheet

Customer Name	Yitianyuan Electronic Technology Co., Ltd.	Customer P/N			
Honggui P/N	42.5*0.8 Double Slot with Hole, 12 Turns, Round White Adhesive Backing	Spec No.	HG20250311001	Version	01

◆、Outline Dimensions



(Unit: mm)

A	42.5 ± 0.5
B	39 ± 1.5
C	15.0 ± 0.5
D	5.3
E	27 ± 2
F	25.0 ± 2
G	3.0 ± 1
H	2.3 ± 0.2
I	0.8 ± 0.1
J	8.0

(1)Wire Diameter J: 0.07*100P Self-adhesive Litz Wire, Width 8.0

(2)Number of winding turns: 12Ts

(3)Lead wire crossover: Yes

(4)Coil wrapped with 8mm wide high-temperature adhesive tape

(5)Coil shall be centered when attached to magnetic sheet

(6)Magnetic sheet backed with round 42mm white adhesive tape

Parameters

L0	Inductance	Test Condition	Test Equipment
LO	6.5±0.3 μH	100KHz/ 1V	■TH1816B
Q	>30 min	100KHz/ 1V	■TH1816B
DCR	<60 mΩ	@ 25℃	■CH-502BC

Operating Temperature Range

-40℃~ 125℃

◆ 、 Bill of Materials:

序号	Item Name	MaterialSpecification	Supplier	Remarks
1	Ferrite Sheet	42.5*0.8 Double Slot with Hole		PC95 Mn-Zn Ferrite
2	Copper Wire	0.07*100P		Self-adhesive Litz Wire
3	High-Temp Tape	8MMWidth		Eco-friendly Tape
4	Solder	High-temperature Solder Bar		Qiandao Eco Solder
5	Adhesive	White Adhesive		Eco-friendly Glue
6	BackAdhesive Tape	Round 42mm White Adhesive Tape		

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