

Acknowledgement

Customer Name: Xingyuansheng

Customer Part Number: A11 Coil

Our product model: G43-1.0-6.7UH-33MM

Sample submission date: December 7, 2023

supplier: Dongguan Jierisi Technology Co., Ltd.

Draw	Examine and verify	Ratify
Lu Lin	Deng Xianggui	Lu Rusheng

The Customer acknowledges:

Qualified	Non-compliant	Admit
Remarks		

Dongguan Jierisi Technology Co., Ltd.

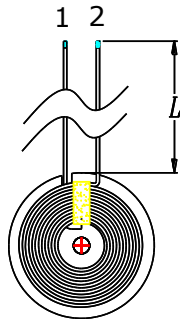
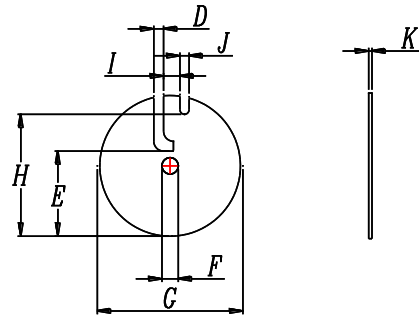
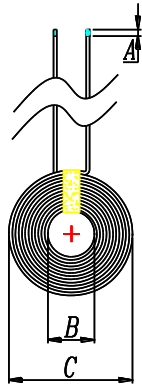
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Customer Name	Customer Part Number	Our product model	Edition	Date
Xingyuansheng		G43-1.0-6.7UH-33MM	A0	2023.12.07

I. Plan View: Unit: mm



A	3.0±1
B	14±0.2
C	37.5±0.5
D	3.0±0.3
E	26±0.3
F	5.0±0.2
G	43±0.3
H	38±0.5
I	5±0.3
J	3.0±0.3
K	1.0±0.1
L	33±2

II. Product Specifications:

Foot position	Wire Diameter	Number of turns	Remarks
1-2	0.07*100P	10	Silk-covered wire

III. Technical Requirements:

- Secure the ends of the wire to prevent issues such as the wire becoming loose or snapping.
- Trim any excessively long wire ends according to customer specifications, then tin them; the tinning depth shall be uniformly maintained at 3 ± 1 mm.
- Apply an appropriate amount of white glue to the soft magnetic sheet and attach the coil; ensure that the product surface remains clean and tidy throughout the process.
- The soft magnetic disk used features a round hole and is undamaged.

IV. Electrical Parameters:

1. Inductance value, Q factor:

$$PIN \quad 1 - 2 \quad = \quad 6.7\mu H \pm 0.3\mu H$$

For Q values ≥ 40 , the inductance value shall be measured using the Quanhua 1062A instrument with a standard of 10 kHz/0.3 Vrms or an equivalent instrument.

The Q-value is measured using the Quanhua 1062A instrument with a standard of 100 kHz/0.3 Vrms or an equivalent instrument.

V. Material List:

Order number	Name	Material quality	Supplier	Remarks
1	Silk-covered wire	0.07*100P	Wei-Han or equivalent	
2	Magnetic sheet	G43 Hard Base Material		
3	Tin	High-temperature environmental protection	Thousand Island or equivalent	
4	White glue	BY882	Baoyue or equivalent	
5	Double faced adhesive tape	Diameter 42mm	Honghui or equivalent	
6	High-temperature adhesive tape	5MM		