

Dongguan Shi Jie Amiyou Electronics Factory

Dongguan Shijie A Meiyou electronics factory

Address (Add): Room 501, No.19, South Road, Liuwu Zhoutou, Shijie Town,
Dongguan City, Guangdong Province

Tel (TEL): 15857396935

Email (E-mail): 314596915@qq.com

Product specification acceptance letter SPECIFICATION FOR APPROVAL

Customer Name (Customer Name): _____

Product name (Product Name): Wireless charging coil module Wireless Charging

Coil Module customer part number (Customer P/N): _____ Amero-EU code (AMEIOU

P/N): Q4208A11-30K3MTY+20 (11T,80P) _____ Date of issue (Issue Date):

2024.04.25

Version (Version): _____ A.0.0

Formulation (Prepared)	Audit (Checked)	Approved (Approved)
Wu Guojun	Duan Wei	Duan Wei
Date: 2024.04.025	Date: 20204.04.25	Date: 2024.04.25

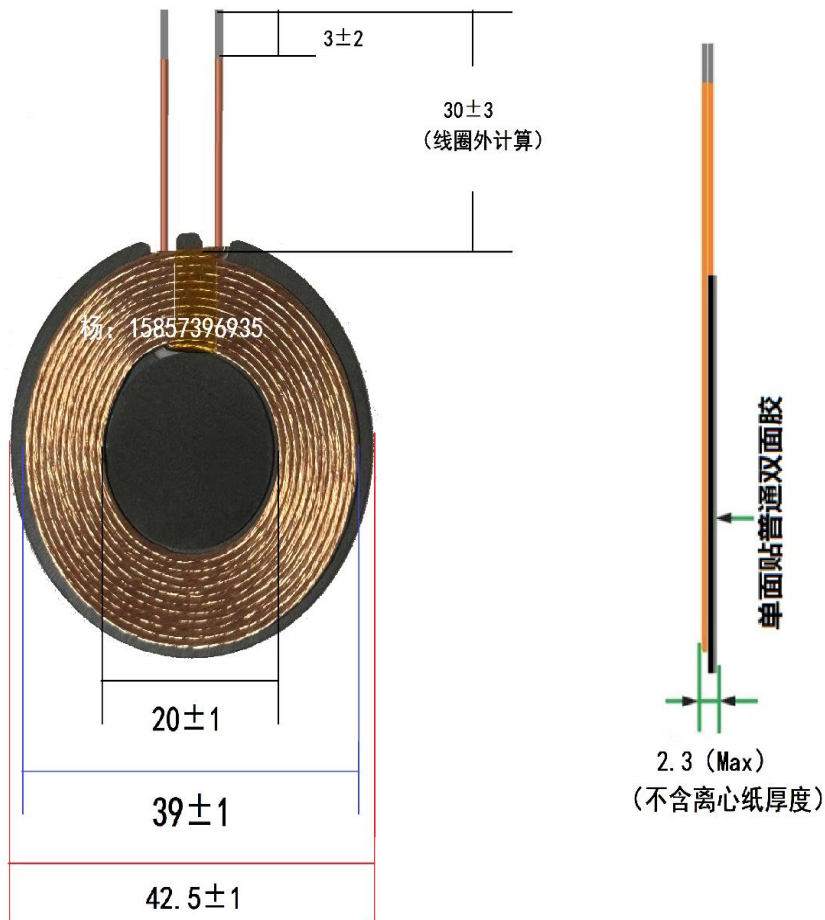
Customer Confirmation (Customer Approved)

Customer Name (Customer Name):	Guangdong Mingxin Energy Technology Co., LTD
Customer part number (Customer P/N):	
Ameo number (AMEIOU P/N):	Q4208A11-30K3MTY+20 (11T, 80P)
Version (Version):	A.0.0

Revised history (Revision History)

Order number NO.	Version Version	Date Date	Reasons for modification Revised Reason	Modify content Revised Content	Ratify Approved
1	A.0.0	2024.04.25	New issue New release	-----	Duan Wei
2					
3					
4					
5					

1. Product appearance size Product Apperance & Dimensions
(unit: mm)



Note: The pictures are for reference only. The products are subject to the goods.

Note: The picture is for reference only , The product is in accordance with material object.

actual

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2.Schematic diagram Schematic Diagram



3.Coil winding parameters Coil Winding Parameter

Terminal Terminal	Wire diameter of coil Coil Wire	Number of coil turns Coil Turns	Winding direction Winding direction
① ~②	Enamel multi-strand wire 0.08*80P	11TS	Clockwise (CW)

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4. Product electrical characteristics Product Electrical Characteristics

Parameter	Numeric value Value	Test instrument
Parameter	①~②	Test Instrument
Inductance	8.3uh $\pm$ 10%	TH2816B At 100kHz、1Vrms
Inductance		
Q value	50 (Min.)	TH2816B At 100kHz、1Vrms
Q-Factor		
DC resistance	60m Ω (Max.)	TH2512B
DC Resistance		At 25°C

5. List of major materials List Of Main Materials

Order number	Material	Specification Specification type	Remarks
No.	Material		Note
1	Ferrite materials	Φ 42.5* Φ 5*0.8mm (double distillation)	Apply 3M double-sided tape on one side
2	Ferrite materials	Φ 20*0.9mm	
3	Coil	Φ 39* Φ 20.5mm-11TS	
4	High temperature resistant tape	4mm (tea yellow)	
5	3M 9448A Double-sided tape	Φ 42* Φ 6.5mm (with pull handle)	

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6. Product temperature characteristics Temperature Characteristics

Parameter Parameter	Numeric value Value
Operating temperature Operating Temperature	- 20 °C ~ + 70 °C
Storage temperature (original packaging) Storage Temperature (in original packaging)	- 20 °C ~ + 70 °C

7. Note Matters Needing Attention

This specification is written in Chinese and English. In case of any difference between the two versions, the Chinese version shall prevail.

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