

Dongguan Shi Jie Amiou Electronics Factory

Dongguan Shijie A Meiou electronics factory

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Dongguan City, Guangdong Province

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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

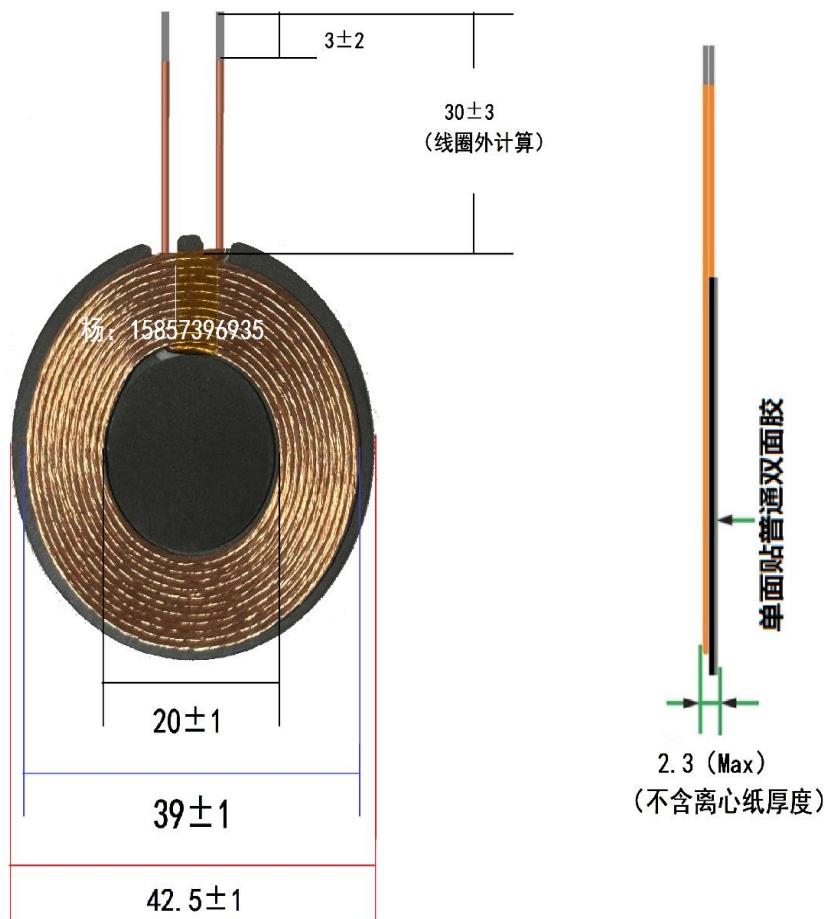
Customer Confirmation (Customer Approved)

Customer Name (Customer Name):	Guangdong Mingxin Energy Technology Co., LTD
Customer part number (Customer P/N):	
Ameo number (AMEI0U 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	Ratiofy 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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Ameo AMEIOU

Customer Name (Customer Name):	
Customer part number (Customer P/N):	
Ameo number (AME10U P/N):	Q4208A11-30K3MTY+20 (11T, 80P)
Version (Version):	A.0.0

2. Schematic diagram Schematic Diagram



3. Coil winding parameters Coil Winding Parameter

Terminal Terminal	Wire diameter of coil Wire	Number of coil turns 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 Test Instrument
	(1)~(2)	
Inductance	8.3uh ± 10%	TH2816B At 100kHz, 1Vrms
Inductance		
Q value	5 0 (Min.)	TH2816B At 100kHz, 1Vrms
Q-Factor		
DC resistance	60m Ω (Max.)	TH2512B At 25°C
DC Resistance		

5. List of major materials List Of Main Materials

Order number No.	Material Material	Specification Specification type	Remarks Note
1	Ferrite materials	42.5* 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	42* 6.5mm (with pull handle)	

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6. Product temperature characteristics Temperature Characteristics

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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