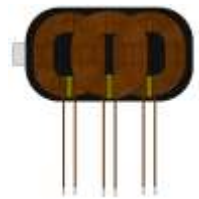




Wireless Charging Coil Assembly — AMQC Series



Operating Temp. : -40°C~+125°C (Including Self-heating)

FEATURES

- Qi Standard compliant
- Size, shape, characteristics customized
- Low DCR, large current
- High mechanical intensity, good temperature characteristics

APPLICATIONS

- Wireless charging coil for automotive (for transmitter)

PRODUCT IDENTIFICATION

A MQ C I R 1025750 S 110 Y04
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①	Product Type
A	Automotive

②	Type
MQ	Wireless charging coil products

③	Application
C	Type C

④	Location
T	Transmitter

⑤	Shape
R	Rectangle

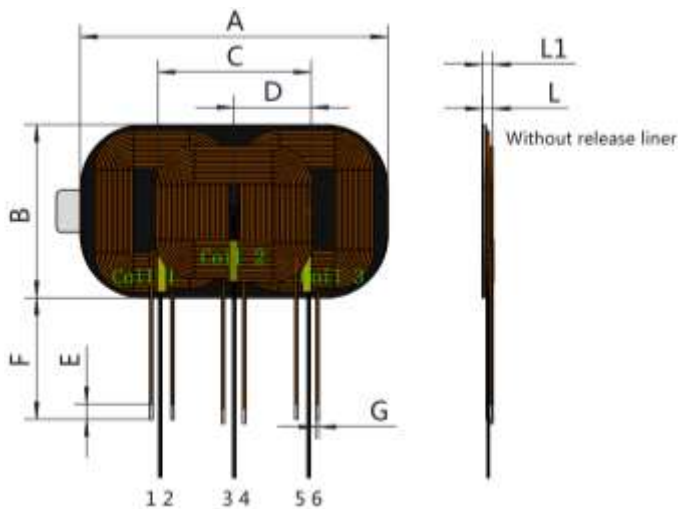
⑥	External Dimensions [L x W x H] (mm)
1025750	102x57x5.0

⑦	Feature type
S	Thin sheet

⑨	Extension number
Y04	04

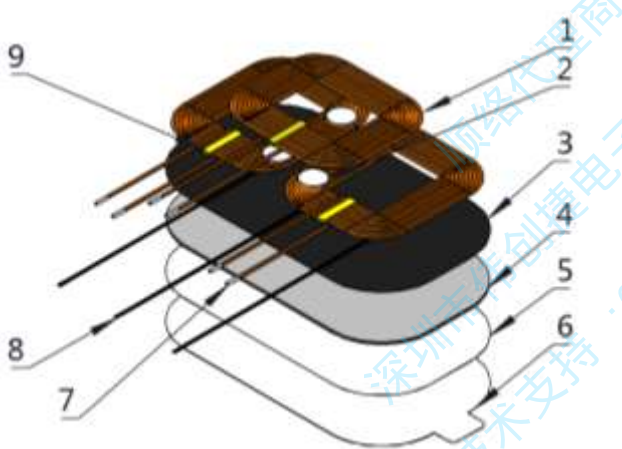
⑧	Inductance
110	11.5uH(Upper coil)

SHAPE AND DIMENSIONS



Unit: mm

Items	A	B	C REF	D REF	E REF	F REF	G Max.	L Max.	L1 Max.
SPEC	101.8±2.0	57.3±2.0	49.2	24.6	5.0	36.9	2.5	4.4	4.5



AMQC illustration

No.	Components
1	Coil
2	Glue
3	Single-sided adhesive
4	Ferrite sheet
5	Double-sided adhesive
6	Release liner
7	Terminal(Sn-Ag-Cu)
8	NTC sensor
9	High temperature tape

SPECIFICATION

ITEMS	Test condition	Test specification
Inductance(Coil 2)	100KHz/1V	11.5±10% uH
Inductance(Coil 1、3)	100KHz/1V	12.5±10% uH
DCR	AT 25±5°C	70 Max. mΩ
Irms	ΔT = 40 K	7.0 Max. A
Isat	100KHz/1V	> 10A

CUSTOMIZED PRODUCT PRESENTATION

We can customize wireless charging coil assembly for automobile according to your requirements.