



Wireless Charging Coil Assembly—AMQK Series

Operating Temp. : -40℃~+85℃ (Including Self-heating)



FEATURES

- Qi Standard compliant
- Size, shape, characteristics customized
- Low thickness
- High mechanical intensity

APPLICATIONS

- Wireless charging coil for automotive key (for receiver)

PRODUCT IDENTIFICATION

A MQ K R R 503409 S 190 Y01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①	Product Type
A	Automotive

②	Type
MQ	Wireless charging coil products

③	Application
K	Automotive Key

④	Location
R	Receiver

⑤	Shape
R	Rectangle

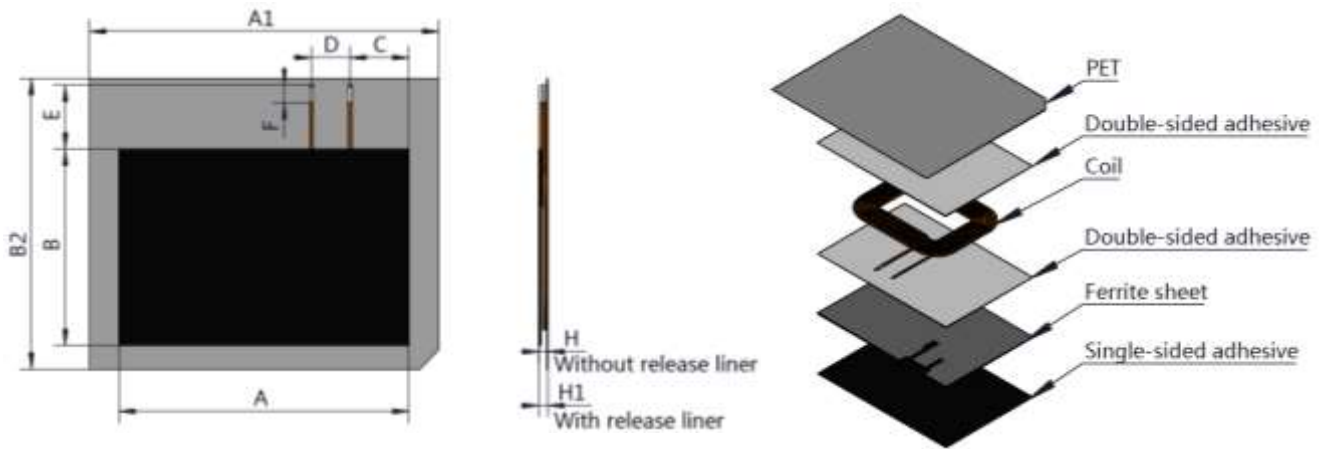
⑥	External Dimensions [L*W*H](mm)
503409	50*34*0.9

⑦	Feature type
S	Thin sheet

⑨	Extension number
Y01	01

⑧	Inductance
190	19.34uH

SHAPE AND DIMENSIONS



AMQK Illustration

Unit: mm

Items	A	B	A1	B1	C Ref.	D Ref.	E Ref.	F Ref.	H Max.	H1 Max.
SPEC.	49.8±0.2	33.8±0.2	60±0.5	50±0.5	10.0	6.4	6.0	1.8	0.8	0.9

SPECIFICATION

AMQKRR503409S190Y01	Test condition	Test specification
Inductance	100KHz/1V	19.34 uH±10%
DCR	20±10°C	480 mΩ±20%
Rating Current	ΔT = 40 K	2A Max.
Isat	L drop 5%	6A Typ.

CUSTOMIZED PRODUCT PRESENTATION

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