

Products for Wireless Power Transfer



Standard products according to Wireless Power Consortium (WPC) Qi standard

- Receiver Coil
- Transmitter Coil
- Transmitter Coil Array
- Excellent performance due to use of litz wire
- Strategic partnerships with IC manufacturer
- Custom specific solutions upon request
- Würth Elektronik is member of Wireless Power Consortium and Alliance for Wireless Power
- Global vendor-neutral charging options through successful standardization



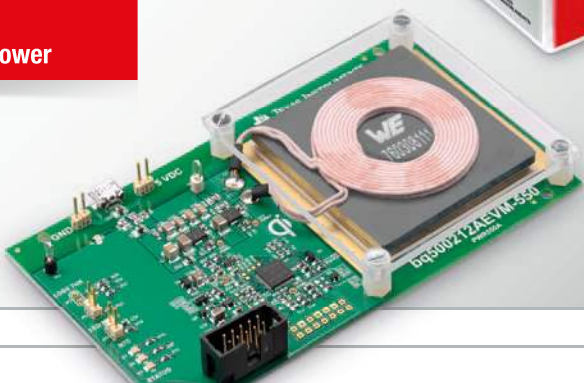
Wireless Power Transfer Solution To Go

- Plug & Play 5W Wireless Power Transfer Demonstration
- Complete demoboards for fast integration of Wireless Power in your product design without any problems
- Meets the Qi standard of the Wireless Power Consortium (WPC)



More information on
www.we-online.com/wirelesspower

Würth Elektronik
 is member of:
 reZence
 Alliance for Wireless Power



Wireless Power Charging Coil WE-WPCC

Through hole - THT



Characteristics

- Qi standard compliant
- Evaluated and approved by every major semiconductor manufacturer
- Litz wire used – highest Q-value available on market
- Applicable for up to 200 W
- High permeability shielding
- Cancels charging flux to be not coupled into sensitive components or batteries
- High reliable construction
- Pot core construction limits the stray field in the design

Applications

- Portable devices used in a clean area, where connectors pose a risk of polluting e.g. medical facilities, (industrial) clean rooms and mining industry
- Devices with a large number of mating cycles to avoid connector damage, e.g. smart watches, fitness tracker
- Consumer products, e.g. digital cameras, baby phone, walkie talky, remote control, smartphone sleeves and watertight products
- Explosion sensitive areas where the use of a physical connection is hazardous
- Smart sensors

Transmitter

Order Code	Size (mm)	L (µH)	Power capable (W)	Compliance
760 308 101	53.3 x 53.3 x 6.0	24	<100	Qi – A1
760 308 105	53.3 x 53.3 x 6.0	6.3	<200	Qi – A5
760 308 106	130. x 54.7 x 8.0	12.5 -11.5 -12.4	<150	Qi – A6
760 308 110	53.3 x 53.3 x 6.0	24	<100	Qi – A10
760 308 111	53.3 x 53.3 x 6.0	6.3	<200	Qi – A11
760 308 100 110	∅ 50 x 6.0	24	<100	Qi – A10
760 308 100 111	∅ 50 x 6.0	6.3	<100	Qi – A11
760 308 101 103*	∅ 30x 1.9	6.5	<50	-
760 308 104 113*	59.5 x 45.8 x 4.0	12.0	<100	Qi – A13
760 308 104 119	88.5 x 52.5 x 3.5	12.0 - 11.5	<100	Qi – A19
760 308 100 141	∅ 50 x 6.0	10.0	<150	Qi – MP
760 308 101 302	∅ 50 x 4.7	5.3	<100	-

Receiver

Order Code	Size (mm)	L (µH)	Power capable (W)
760 308 201	37.0 x 37.0 x 1.80	10.0	<60
760 308 102 210	37.0 x 37.0 x 1.80	7.5	<50
760 308 103 202	48.3 x 32.3 x 1.06	12.0	<50
760 308 103 203	48.3 x 32.3 x 0.97	12.0	<20
760 308 103 204	38.5 x 30.5 x 0.93	16.7	<30
760 308 103 205	34.0 x 26.0 x 0.90	11.0	<40
760 308 103 206	28.0 x 15.0 x 0.73	7.5	<20
760 308 102 207*	40.0 x 40.0 x 0.85	8.0	<80
760 308 101 208*	∅ 10.3 x 10.3 x 1.63	13.0	<15
760 308 101 303	∅ 25.0 x 25.0 x 1.3	47.0	<20

*Release August 2014

QR-Code



Participate in our survey on
www.we-online.com/wpcc-questionnaire

