



DESIGN KIT

Wireless Power Demo Kit 5 W

Place Qi-receiver here



TECHNICAL DATA:

Transmitter Input Voltage 5V

Receiver Output Voltage 5V @ 1A

WPC version 1.1 compliant

High efficiency Coils

Order Code 760 308
Version 1.0

Wireless Power Demo Kit 5 W



WE-WPCC Wireless Power Coils

Characteristics

- Qi standard compliant
- Evaluated and approved by Texas Instruments and Integrated Device Technology
- Litzwire used – highest Q-value available on market

Applications

- Smartphones
- Portable devices used in a clean area, where connectors pose a risk of polluting e.g. medical facilities and (industrial) clean rooms
- Devices with a large number of mating cycles to avoid connector damage
- Headsets
- Portable media players

Electrical properties: Wireless Power Coils

Order Code	L (μH)	$R_{\text{DC typ}}$ (Ω)	I_{R} (A)	I_{sat} (A)	f_{res} (MHz)	Q	Size
760 308 101	24	0.07	6.0	10	6	90	A1
760 308 105	6.30	0.02	13	16	20	55	A5
760 308 110	24	0.07	6.0	10	5	180	A10
760 308 111	6.30	0.02	13	16	20	80	A11
760 308 106	12.5	0.06	9.0	10	14	125	A6
760 308 201	10	0.16	4.5	8	15	50	3737

Depending on the application all WE-WPCC coils can be used as transmitter or receiver coils referring to 40 K self-heating above ambient temperature

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

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Please check datasheets on www.we-online.com for specifications.
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