WÜRTH ELEKTRONIK

DESIGN KIT
Wireless Power
Demo Kit 5 W

TECHNICAL DATA:

Transmitter Input Voltage 5 V
Receiver Output Voltage 5 V @ 1 A
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_{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