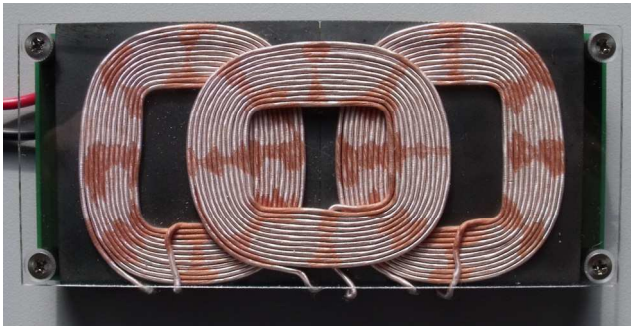


Preliminary Technical Data Sheet

RRC-WPT-5WA6



5 Watt wireless power transmitter module

Features:



- Designed for Qi compliance¹
- Plug & Play
- Automatic identification of the receiver side
- Integrated safety functions
- Foreign object detection
- Data communication²

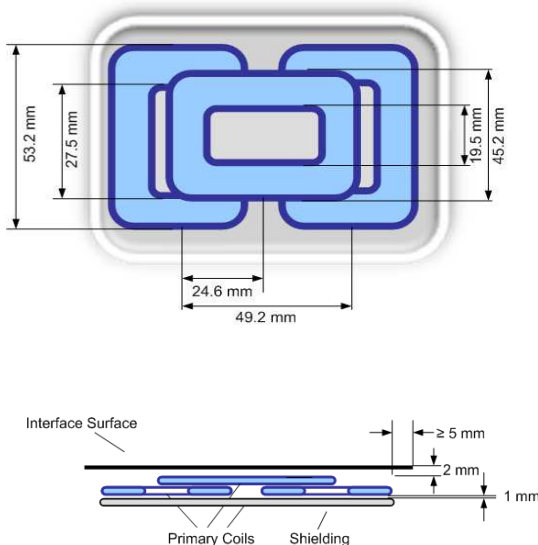
Specification

Electrical Information

Input Voltage	6 – 16VDC
Input Current	1.2A (max.)
Standby Current	0.8mA
System Efficiency	ca. 72% (dependent system topology)
Coil distance	Working zone: 3-10mm Optimum: 4mm

Mechanical Information

Connector type	2.54mm header / Solder pads
System dimensions	120mm x 52mm x 8mm
Mounting holes	4 x Ø3mm
Coil size	53.2mm x 45.2mm x 1.5mm
Active working zone (L x W)	140mm x 75mm
Weight	ca. 65g



Input Connector

1. V_{in}
2. V_{in}
3. Optional Input
4. GND
5. GND

LED Connector

1. V_{CC} 3.3V
2. Optional Signal
3. LED Cathode 1
4. LED Cathode 1
5. GND

CAN Interface

1. V_{CC} 3.3V
2. Optional CAN_H
3. Optional CAN_L
4. Optional RS
5. GND

Notes:

1. Qi (pronounced "chee" and chosen by the Wireless Power Consortium) is the sign of interoperability between power transmitters and power receivers.
2. Receiving of application specific data packets from power receiver. (e.g. Status Information)

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