

Technical Data Sheet

RRC-WPR-5WS1



5 Watt wireless power receiver module

Features:



- Designed for Qi compliance¹
- Plug and Play
- Automatic identification of the transmitter side
- Integrated safety functions
- Foreign object detection
- Data transmission²

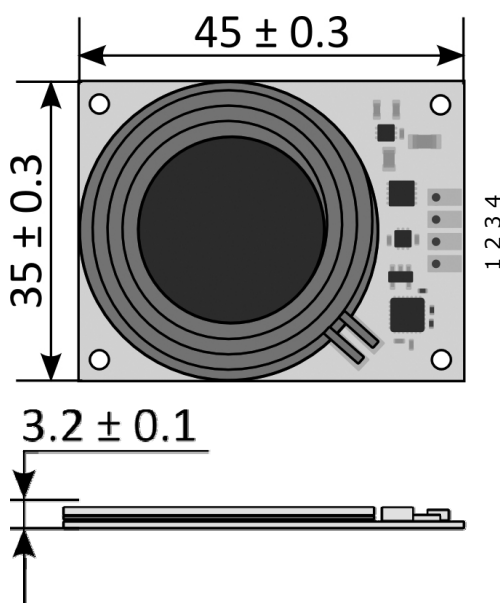
Specification

Electrical information

Output voltage	Typical 6-7V (unadjusted)
Output power	5W
Reverse current	0.2mA
System efficiency	ca. 75% (dependent system topology)
Coil distance	Working zone: 3-10mm Optimum: 4mm

Mechanical information

Connector type	2.54mm header / Solder pads
System dimensions	45mm x 35mm x 3.2mm
Mounting holes	4 x Ø 2.2mm fixing hole (see drawing)
Weight	10.4g



Connector

1. GND
2. Vout
3. I²C Clock
4. I²C Data

Notes:

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

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