



**5 Watt wireless power receiver module**

**Features:**



- Designed for Qi compliance<sup>1</sup>
- Plug and Play
- Automatic identification of the transmitter side
- Integrated safety functions
- Foreign object detection
- Data transmission<sup>2</sup>

**Specification**

**Electrical information**

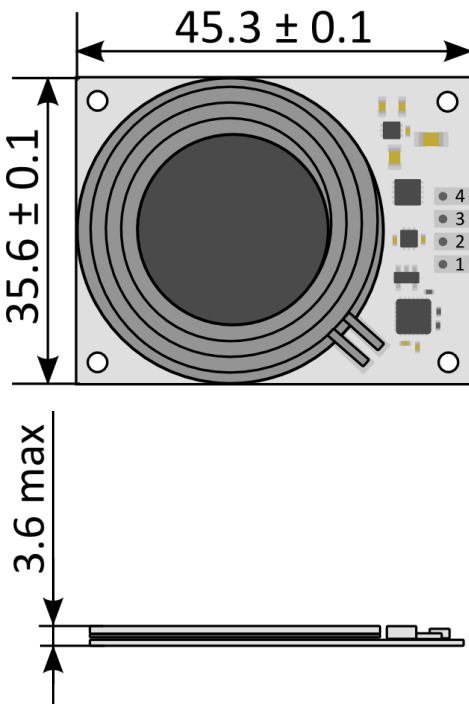
Output voltage	Typical 6-9V (unregulated)
Output power	5W
System efficiency	ca. 75% (dependent system topology)
Coil distance	Working zone: 3-8mm Optimized for 4mm distance

**Mechanical information**

Connector type	4x1 2.54mm header / Solder pads
System dimensions	45.3mm x 35.6mm x 3.6mm
Mounting holes	4x Ø2.2mm mounting holes
Weight	ca. 12g

**Connector**

4. I<sup>2</sup>C Data
3. I<sup>2</sup>C Clock
2. Vout
1. 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. Transmission of application specific data packets from the RRC-WPR-5WS1 power receiver to the RRC-WPT- 5WA10 power transmitter (e.g. Status Information).

Germany/Headquarters	USA	Hong Kong	China
RRC power solutions GmbH Technologiepark 1 D-66424 Homburg / Saar	RRC power solutions Inc. 18340 Yorba Linda Blvd., Suite 107-437 Yorba Linda, CA 92886-4104	RRC power solutions Ltd. S-V,6/F, Valiant Industrial Centre 2-12 Au Pui Wan Street Fo Tan, N.T., Hong Kong	RRC power solutions Ltd. Room 520, Yuanlin Building, Aiguo Road No. 3066, Luohu District, Shenzhen 518021
Tel.: +49 6841 98090 Fax: +49 6841 9809280 Email: sales@rrc-ps.de Web: www.rrc-ps.de	Tel.: +1 714 777 3604 Fax: +1 714 777 3658 Email: usa@rrc-ps.com Web: www.rrc-ps.com	Tel.: +852 2376 0106 Fax: +852 2375 0107 Email: hkrrc@rrc-ps.cn Web: www.rrc-ps.com	Tel.: +86 755 8374 1908 Fax: +86 755 8374 1861 Email: hkrrc@rrc-ps.cn Web: www.rrc-ps.com