



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



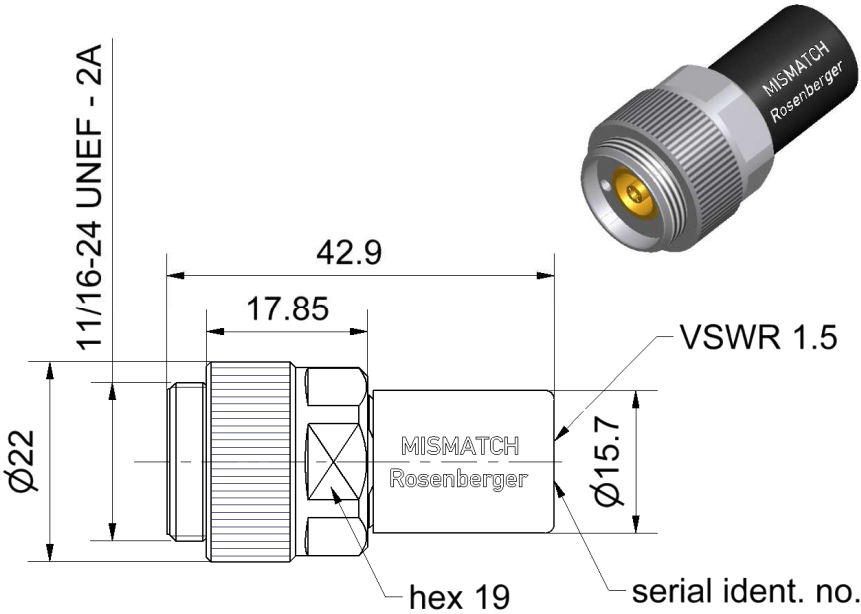
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to IEC 457-2

Documents

Application note AN001 "Calibration Services"

Material and plating

Connector parts

- Center contact
- Outer contact
- Body
- Coupling nut
- Dielectric
- Substrate

Material

- Beryllium copper
- Beryllium copper
- Stainless steel
- Stainless steel
- PPE
- Al<sub>2</sub>O<sub>3</sub>

Plating

- Gold, min. 1.27 µm, over nickel
- Gold, min. 1.27 µm, over nickel
- Passivated
- Passivated

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Technical Data Sheet				Rosenberger			
RPC-7		Mismatch		07P150-075S3			
<div>Electrical data</div> <div>FrequencyDC to 18 GHz</div> <div>Return loss≥ 1.5 ± 0.04, DC to 8 GHz</div> <div>≥ 1.5 ± 0.06, 8 GHz to 12.4 GHz</div> <div>≥ 1.5 ± 0.08, 12.4 GHz to 18 GHz</div> <div>DC Resistance75 Ω ± 0.375 Ω</div> <div>Power handling (at 25 °C, sea level)≤ 1 W, derated linearity by 0.01 W/K</div> <div>Mechanical data</div> <div>Mating cycles≥ 5000</div> <div>Maximum torque1.95 Nm</div> <div>Recommended torque1.36 Nm</div> <div>Gauge0.00 to 0.05 mm</div> <div>Environmental data</div> <div>Operating temperature range<sup>1</sup>+20 °C to +26 °C</div> <div>Rated temperature range of use<sup>2</sup>0 °C to +50 °C</div> <div>Storage temperature range- 40 °C to +85 °C</div> <div>RoHScompliant</div> <div><sup>1</sup> Temperature range over which these specification are valid.</div> <div><sup>2</sup> This range is underneath and above the operating temperature range, within the calibration mismatch is fully functional and could be used without damage.</div> <div>Declaration of calibration options</div> <div>Factory Calibration</div> <div>Standard delivery for this calibration standard includes a Factory Calibration. The Calibration Certificate issued reports individual calibration results, traceable to national / international standards.</div> <div>Accredited Calibration</div> <div>Not available.</div> <div>For further, more detailed information see application note AN001 on the Rosenberger homepage.</div> <div>Calibration interval</div> <div>Recommendation12 months</div> <div>Packing</div> <div>Standard1 pce in box</div> <div>Weight55.8 g/pce</div> <div>While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.</div>							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Marcel Panicke	21.03.11	Markus Müller	20.07.18	d00	18-1027	Marion Striegler	20.07.18
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2