



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


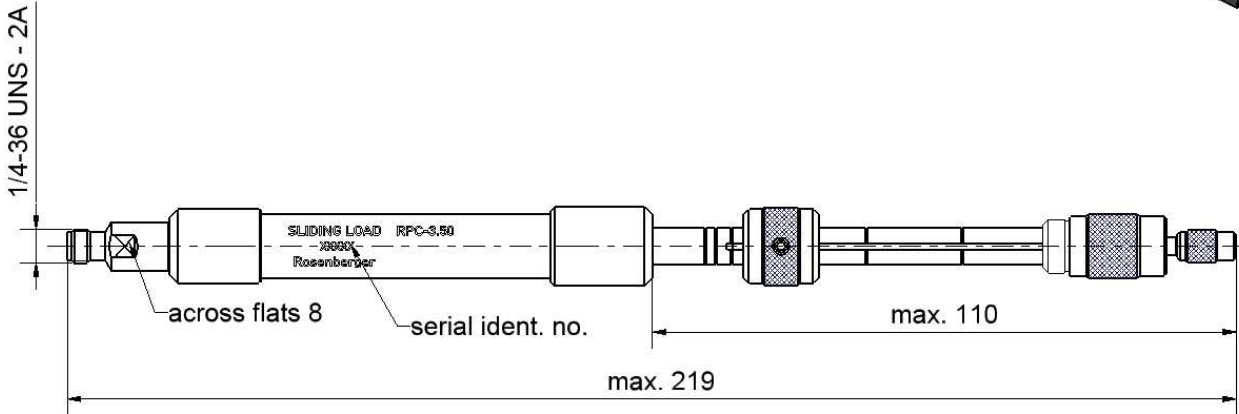
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RF_35/09.14/6.2

Technical Data Sheet		Rosenberger
RPC-3.50	Sliding Load Jack	03K150-G300
<div> </div>		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
<div><div>Interface</div><div>According to Mechanically compatible with</div><div>IEC 60169-23 RPC-2.92 and SMA</div></div>		
<div><div>Documents</div><div>Application note</div><div>AN001 "Calibration Services"</div></div>		
<div><div>Material and plating</div><div><div><div>Connector parts</div><div>Center conductor</div><div>Outer conductor</div><div>Body</div></div><div><div>Material</div><div>CuBe</div><div>Brass</div><div>Aluminum</div></div><div><div>Plating</div><div>Gold, min. 1.27 µm, over nickel</div><div>Gold, min. 1.27 µm, over nickel</div><div>black anodized</div></div></div></div>		
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
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Electrical data

Frequency range	4 GHz to 26.5 GHz
Return loss	≥ 26.4 dB, 4 GHz to 5 GHz
	≥ 32 dB, 5 GHz to 26.5 GHz
Power handling	≤ 1 W
Air line accuracy	≥ 50 dB
Repeatability of sliding position	≥ 60 dB, 4 GHz to 26.5 GHz

Mechanical data

Mating cycles	≥ 500
Maximum torque	1.70 Nm
Recommended torque	0.90 Nm
Gauge	adjustable

General standard definitions

For proper operation the vector network analyzer (VNA) needs a model describing the electrical behaviour of this calibration standard. The different models, units, and terms used will depend on the VNA type and they will have to be entered into the VNA. All values are based on typical geometry and plating.

Offset Z_o / Impedance / Z_o	50 Ω
Min. Frequency	4 GHz

Environmental data

Operating temperature range ¹	+20 °C to +26 °C
Rated temperature range of use ²	0 °C to +50 °C
Storage temperature range	-40 °C to +85 °C

RoHS	compliant
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¹ Temperature range over which these specification are valid.

² This range is underneath and above the operating temperature range, within the sliding load is fully functional and could be used without damage.

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<div>Declaration of calibration options</div> <div>Factory Calibration Standard delivery for this calibration standard includes a Factory Calibration. The Calibration Certificate issued reports individual calibration results, traceable to national / international standards. Model based standard definitions are reported in an Agilent/Keysight, Rohde & Schwarz and Anritsu compatible VNA format.</div> <div>Accredited Calibration Not available.</div> <div><i>For further, more detailed information see application note AN001 on the Rosenberger homepage.</i></div> <div><div>Calibration interval</div><div>Recommendation12 months</div></div> <div><div>Packing</div><div>Standard1 pce in pipe</div><div>Weight96.7 g/pce</div></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	
Herbert Babinger		17.10.14		Martin Moder		17.10.14	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Rev. Engineering change number Name Date		f00 14-1492 Herbert Babinger 17.10.14	
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