



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!



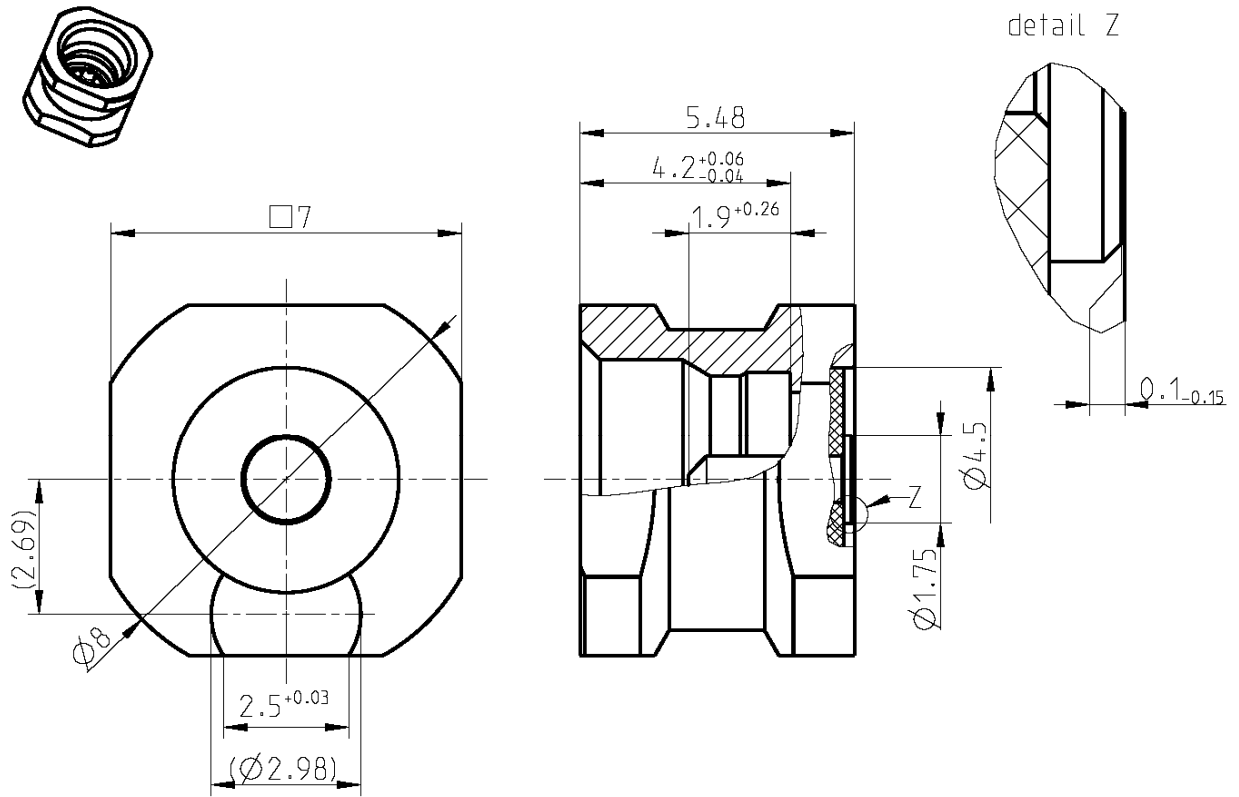
Contact us

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

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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





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

Interface

According to Rosenberger P-SMP

Documents

Panel piercing B 126a

Material and plating

Connector parts

- Center contact
- Outer contact
- Dielectric

Material

- Brass
- Brass
- PEEK/LCP

Plating

- AuroDur®, gold plated
- AuroDur®, gold plated

Electrical data

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/06.07/5.0

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 30 dB, DC to 4 GHz ≥ 25 dB, 4 to 6 GHz
Insertion loss	≤ 0.03 x √f(GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 3.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Test voltage (at sea level)	1000 V rms
Working voltage (at sea level)	480 V rms
Power handling (at 20 °C, sea level)	≤ 200 W @ 2.2 GHz
Intermodulation (3 rd order)	≥ 160 dBc (2 x 43 dBm)

- Connector only, VSWR in application depends decisive on PCB layout

Mechanical data

Mating cycles	≥ 100
Center contact captivation	≥ 7 N
Engagement force	45 N max.
Disengagement force	15 N min.

Environmental data

Temperature range	-65°C to +165°C
Rapid change of temperature	IEC 60169-1, Sub-clause 16.4 (-65°C to +165°C)
Vibration	IEC 60068-2-64 random
Shock	IEC 60068-2-27 (half-sine)
High temperature endurance	IEC 60169-1, Sub-clause 18 (+165°C, 1000 hours)
Max. soldering temperature	IEC 61760-1, +260°C for 10 sec.
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight	0.98 g/pc
--------	-----------

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.

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/06.07/5.0

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Gramsamer J.	24.09.09	R. Fang	10.07.14	f00	14-0972	Rong Fang	02.07.14
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: info@rosenberger.de			Page 2 / 2