



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!



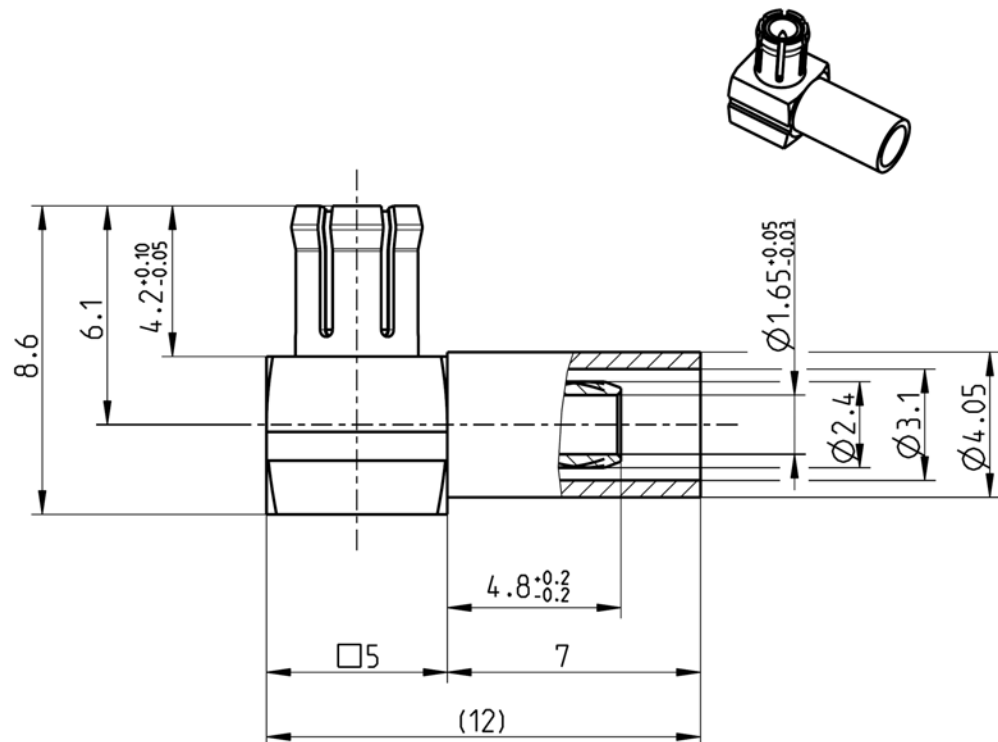
Contact us

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. ISO 2768 m-H

Interface

According to CECC 22 220, IEC 60169-36

Documents

Assembly instruction 29 C

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric
Crimping sleeve

Material

Brass
CuBe
Brass
PTFE
Copper

Plating

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

Gold, 0.1 µm min.

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 32 dB, DC to 2 GHz ≥ 26 dB, 2 to 3 GHz ≥ 22 dB, 3 to 4 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB, DC to 4 GHz
Insulation resistance	≥ 1 G Ω
Center contact resistance	≤ 5.0 m Ω
Outer contact resistance	≤ 2.5 m Ω
Test voltage	750 V rms
Working voltage	335 V rms
Contact Current	1.5A DC max.

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engagement force	≤ 25 N
Disengagement force	8 N min. to 20 N max.

Environmental data

Temperature range	-55°C to +155°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
RoHS	compliant

Tooling

Crimping tool	11W150-000
Crimp insert	11W150-102

Suitable cables

RG 316 /U, RG 174 A/U, RG 188 A/U

Weight

Weight	1.2 g/pce
--------	-----------

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.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
A. König	29/06/08	Sa. Krautenbacher	13.03.14	c00	14-0352	T. Krojer	13.03.14
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