



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!



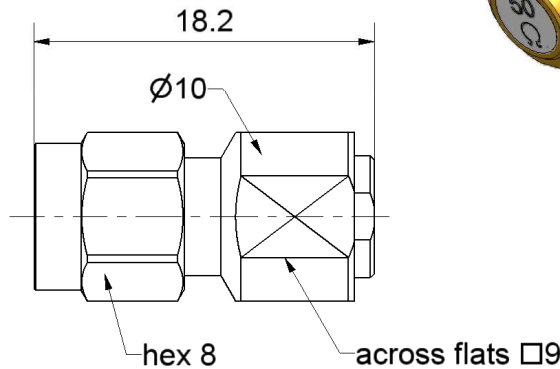
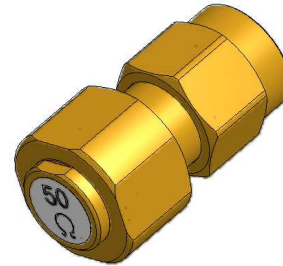
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All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to IEC 60169-23
Mechanically compatible with RPC-2.92 and SMA

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Coupling nut
Dielectric
Substrate

Material

CuBe
Brass
Brass
PEEK
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 1.27 µm, over nickel
Gold, 0.1 µm min.

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RF_35/09;14/6.2

Technical Data Sheet

Rosenberger

RPC-3.50

Termination
Plug

03S17R-001D3

Electrical data

Frequency range DC to 26.5 GHz
Return loss ≥ 36 dB, DC to 4 GHz
 ≥ 23 dB, 4 GHz to 26.5 GHz
DC Resistance $50 \Omega \pm 0.5 \Omega$
Power handling ≤ 0.5 W

Mechanical data

Mating cycles ≥ 500
Maximum torque 1.70 Nm
Recommended torque 0.90 Nm
Gauge 0.00 mm to 0.08 mm

Environmental data

Operating temperature range -40 °C to +85 °C
Storage temperature range -40 °C to +85 °C
RoHS compliant

Packing

Standard 1 pce in bag
Weight 5.9 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
Kerstin Herzog	22.05.06	Markus Müller	14.10.16	e00	16-1390	Marion Striegler	14.10.16

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