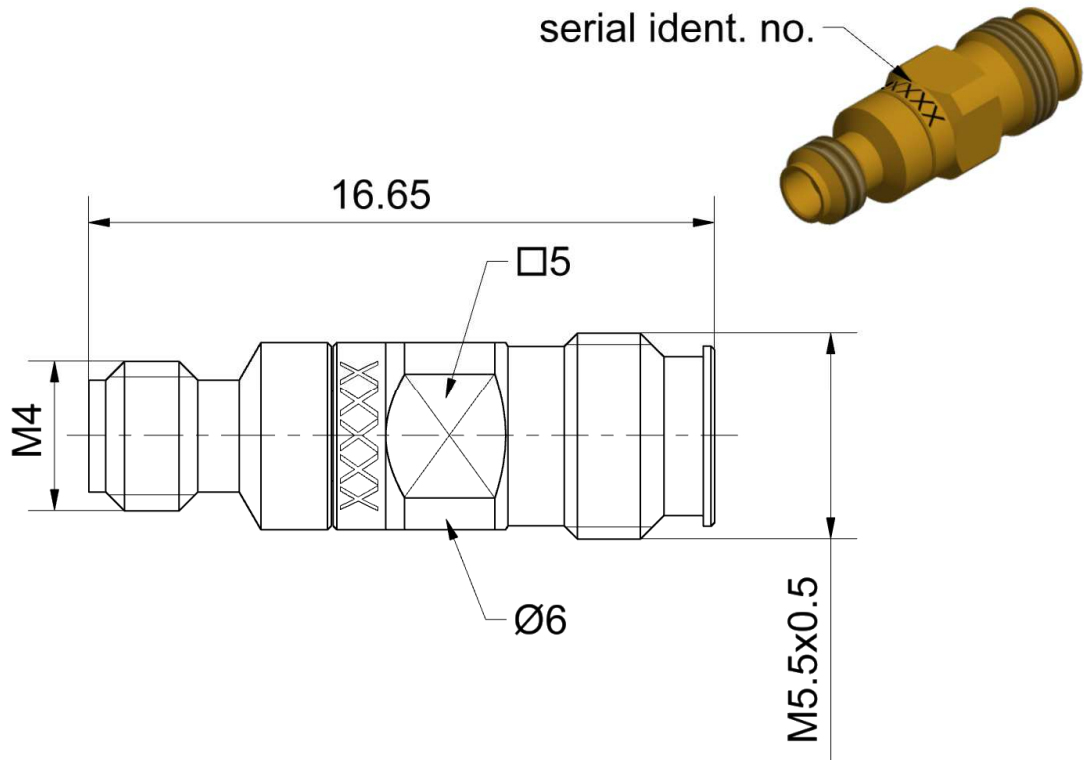




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

RPC-1.00 side according to
RPC-1.35 side according to

IEC 61169-31
IEC 61169-65 (in progress)

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Dielectric

Material

CuBe
CuBe or equiv.
PEEK

Plating

Gold, min. 1.27µm
Gold, min. 1.27µm

Technical Data Sheet

Rosenberger

Adaptor
RPC-1.35 Jack – RPC-1.00 Jack

P9K101-K00D3

Electrical data

Frequency DC to 90 GHz
Return loss ≥ 28 dB, DC to 20 GHz
 ≥ 20 dB, 20 GHz to 40 GHz
 ≥ 17 dB, 40 GHz to 90 GHz

Mechanical data

	RPC-1.00	RPC-1.35
Mating cycles	≥ 500	≥ 3000
Maximum torque	0.70 Nm	1.65 Nm
Recommended torque	0.35 Nm	0.90 Nm
Gauge	0.000 mm to 0.030 mm	0.003 mm to 0.020 mm

Environmental data

Temperature range - 40 °C to +85 °C
RoHS compliant

Packing

Standard 1 pce in box
Weight 1.6 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
Marcel Panicke	22.08.17	Markus Müller	09.01.19	b00	19-0067	Marion Striegler	09.01.19

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
--	---	---------------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[P9K101-K00D3](#)