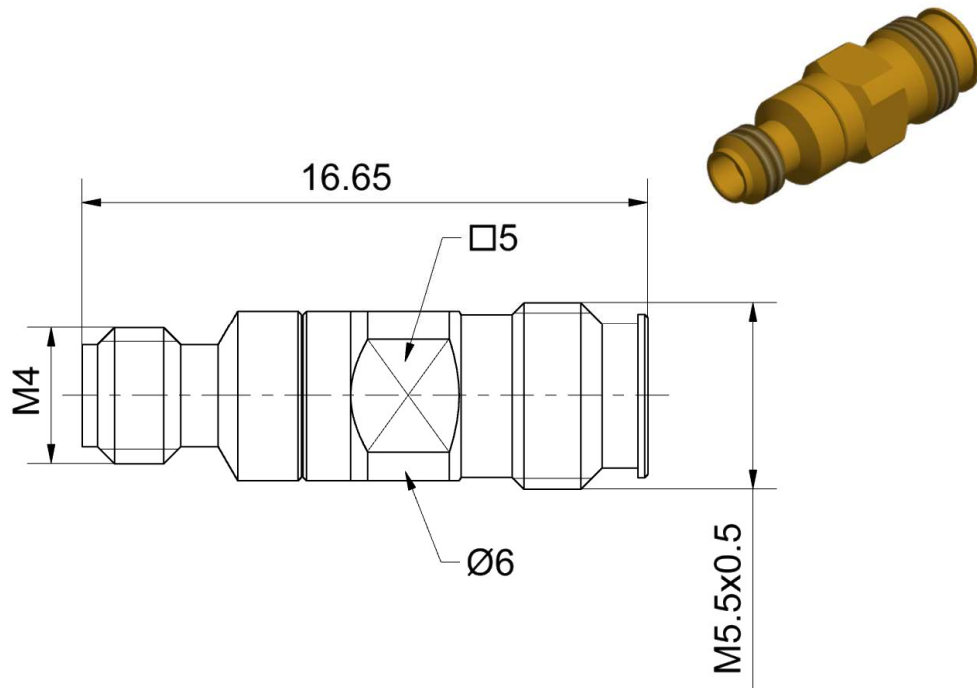




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

RPC-1.00 side according to IEC 61169-31
RPC-1.35 side according to IEC 61169-65

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

RF_35/09.14/6.2
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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	Lars Ramtke	06.12.19	d00	19-2316	Marion Striegler	06.12.19
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