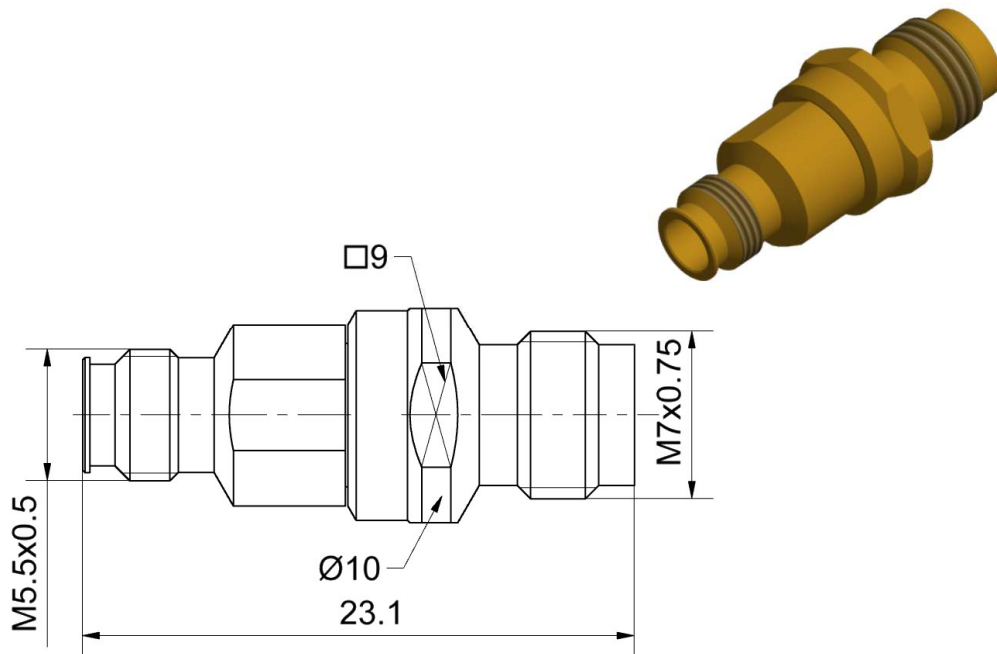




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

RPC-1.35 side according to	IEC 61169-65
RPC-1.85 side	
According to	IEC 61169-32
Mechanically compatible with	RPC-2.40

Documents

N/A

Material and plating

Connector parts

Center conductor	Material CuBe	Plating Gold, min. 1.27µm
Outer conductor	CuBe or equiv.	Gold, min. 1.27µm
Dielectric	PS	

RF_35/09.14/6.2
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Technical Data Sheet				Rosenberger			
Adaptor RPC-1.35 Jack – RPC-1.85 Jack				P9K108-K00D3			
Electrical data							
Frequency		DC to 70 GHz					
Return loss		≥ 28 dB, DC to 20 GHz					
		≥ 20 dB, 20 GHz to 50 GHz					
		≥ 17 dB, 50 GHz to 70 GHz					
Mechanical data							
		RPC-1.35		RPC-1.85			
Mating cycles		≥ 3000		≥ 500			
Maximum torque		1.65 Nm		1.65 Nm			
Recommended torque		0.90 Nm		0.90 Nm			
Gauge		0.003 mm to 0.020 mm		0.000 mm to 0.050 mm			
Environmental data							
Temperature range		- 40 °C to +85 °C					
RoHS		compliant					
Packing							
Standard		1 pce in box					
Weight		5.7 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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