



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

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

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Marcel Panicke	22.08.17	Lars Ramtke	06.12.19	d00	19-2316	Marion Striegler	06.12.19
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