



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

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RF_35/09.14/6.2

Adaptor
RPC-1.35 Jack – RPC-1.00 Plug

P9K101-S00D3

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 2.7 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
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