



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

Interface

N/A

Documents

Test procedure 08 PV-E001

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Kovar
Kovar
Glass: Corning 7070

Plating

Gold, min. 1.27 μ m, over nickel
Gold, min. 1.27 μ m, over nickel
green

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RF_35/05:10/6.1

Technical Data Sheet**Rosenberger**

Glass Seal

08Z101-00A**Electrical data**

Impedance	50 Ω \pm 2 Ω
Frequency	DC to 70 GHz
Return loss	\geq 17 dB, DC to 70 GHz
Insertion loss	\leq 0.1 x $\sqrt{f(\text{GHz})}$ dB
Insulation resistance	\geq 10 G Ω
Dielectric withstanding voltage	500 V rms

- Test of scattering parameters in according to Rosenberger test procedure 08 PV-E001 -

Mechanical data

Center contact captivation	\geq 5 N
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Environmental data

Temperature range	-65°C to +165°C
Max. soldering temperature	+300°C
Hermeticity	10E-8 mbar/s
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight	0.02 g/pce
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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
Herbert Babinger	31.03.11	Martin Moder	23.01.18	e00	18-0096	M.Ruf	23.01.18
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2