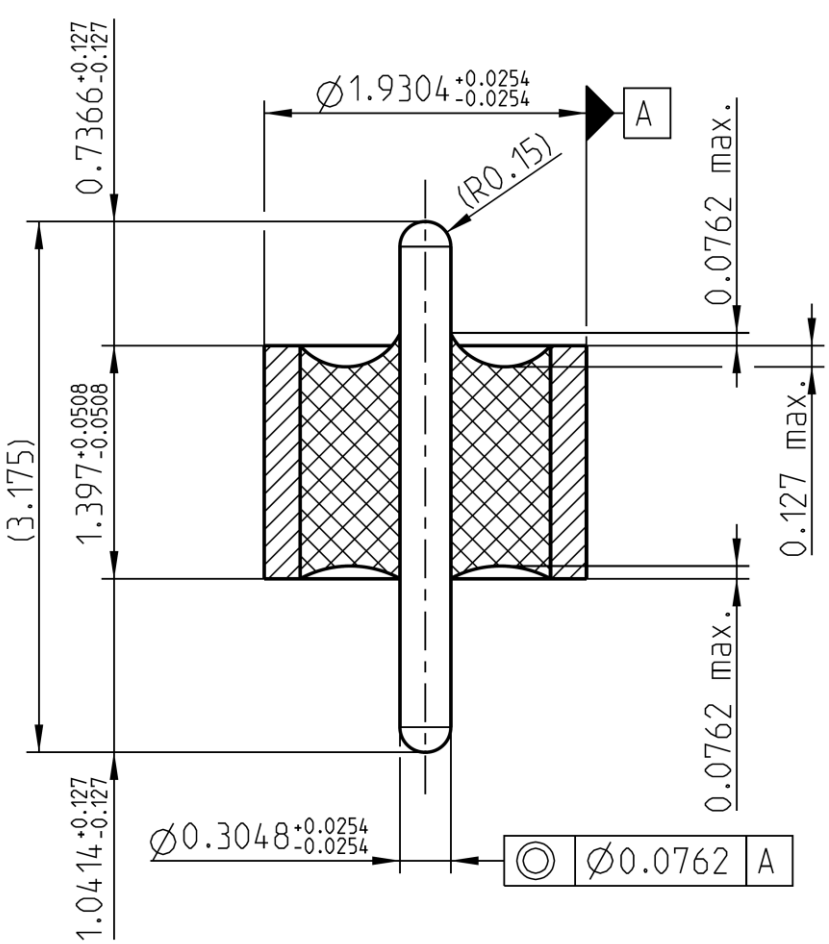
Technical Data Sheet	Rosenberger
Glass Seal	**02Z101-000**



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

Interface

N/A

Documents

Test procedure	02 PV-E001

Material and plating

Connector parts	**Material**	**Plating**
Center contact	Kovar	Gold, min. 1.27 µm, over chemical nickel
Outer contact	Kovar	Gold, min. 1.27 µm, over chemical nickel
Dielectric	Corning 7070 glass	

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Electrical data

Impedance	50 Ω ± 2 Ω
Frequency	DC to 40 GHz
Return loss	≥ 19 dB, DC to 40 GHz
Insertion loss	≤ 0.1 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≥ 10 GΩ
Dielectrict withstanding voltage	500 V rms

- Test of scattering parameters in according to Rosenberger test procedure 02 PV-E001 -

Mechanical data

Center contact captivation	≥ 5 N

Environmental data

Temperature range	-65°C to +165°C
Max. soldering temperature	+300°C
Hermeticity	≤ 10^{-8} mbar x l/s
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

0.02 g/pce

Draft	Date	Approved	Date
H. Babinger	23.02.05	F. Reiner	26.06.18

Rev.	Engineering change number	Name	Date
f01	18-1026	M. Ruf	25.06.18

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