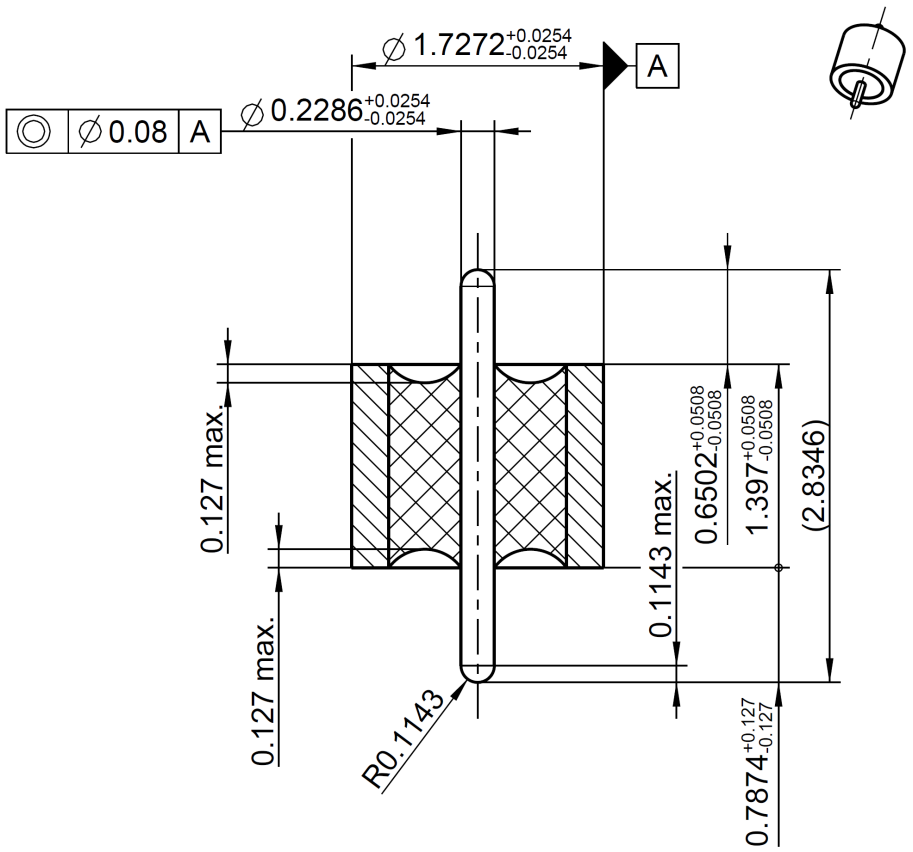
Technical Data Sheet	Rosenberger
Glass Seal	**08Z101-00A**



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	**Material**	**Plating**
Center contact	Kovar	Gold, min. 1.27 µm, over nickel
Outer contact	Kovar	Gold, min. 1.27 µm, over nickel
Dielectric	Glass: Corning 7070	green

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Electrical data

Impedance	50 Ω ±2 Ω
Frequency	DC to 70 GHz
Return loss	≥ 17 dB, DC to 70 GHz
Insertion loss	≤ 0.1 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≥ 10 GΩ
Dielectric withstanding voltage	500 V rms

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

Mechanical data

Center contact captivation	≥ 5 N

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

Draft	Date	Approved	Date
Herbert Babinger	31.03.11	Martin Moder	23.01.18

Rev.	Engineering change number	Name	Date
e00	18-0096	M.Ruf	23.01.18

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