



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

Interface

According to

Rosenberger 28S000-000, series QMA
Rosenberger 28K000-000, series QMA
Rosenberger is an authorised QLF® manufacturer

Documents

N/A

Material and plating

Connector parts

- Center contact - plug
- Center contact - jack
- Outer contact
- Dielectric
- Unlocking sleeve
- Substrate

Material

- CuBe
- CuBe
- Stainless steel
- PTFE
- Brass
- Al₂O₃

Plating

- Gold, min. 1.27 µm, over nickel
- Gold, min. 1.27 µm, over nickel
- Passivated
- White bronze(e.g. Optalloy®)

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/05.10/6.0

Electrical data

Impedance	50 Ω
Frequency range	DC to 6 GHz
Return loss	≥ 26.5 dB, DC to 2 GHz ≥ 20.8 dB, 2 GHz to 6 GHz
Attenuation	6 dB ± 0.3 dB, DC to 2 GHz 6 dB ± 0.5 dB, 2 GHz to 6 GHz
Power handling	≤ 2 W at 25°C

Mechanical data

Mating cycles	≥ 100
Engagement force	typ. 25 N
Disengagement force	typ. 20 N
Retention force for interface	60 N min.
Gauge	0.00 mm to 0.25 mm

Environmental data

Temperature range	-40°C to +85°C
RoHS	compliant

Packing

Standard	1 pce in bag
Weight	6.8 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
Kerstin Herzog	04/01/07	Lars Ramtke	31/05/13	c00	13-0547	Marion Striegler	31/05/13
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[28AS102-K06S3](#)