



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

Material

- Brass
- Beryllium copper
- Spring bronze
- Brass
- PTFE
- Brass
- Al₂O₃

Plating

- Gold, min. 1.27 µm, over nickel
- Gold, min. 1.27 µm, over nickel
- White bronze(e.g. Optalloy®)
- White bronze(e.g. Optalloy®)
- Chemical nickel, 4 µm

QMA ATTENUATOR
PLUG – JACK 2 WATT

28AS102-K30N3

Electrical data

Impedance 50 Ω ± 5%
 Frequency DC to 6 GHz
 Return loss ≥ 26.5 dB, DC to 2 GHz
 ≥ 20.8 dB, 2 GHz to 6 GHz
 Attenuation 30 dB
 Tolerances ≤ ± 0.3 dB, DC to 6 GHz
 Center contact resistance ≤ 3 mΩ
 Outer contact resistance ≤ 2.5 mΩ
 Power handling 2 W at 25°C
 derated linearity by 0.02 W/K

Mechanical data

Mating cycles min. 100
 Engagement force typ. 25 N
 Disengagement force typ. 20 N
 Retention force for interface 60 N min.

Environmental data

Temperature range -40°C to +85°C
 Storage temperature -40°C to +85°C

2002/95/EC (RoHS) compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard 25 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
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