



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



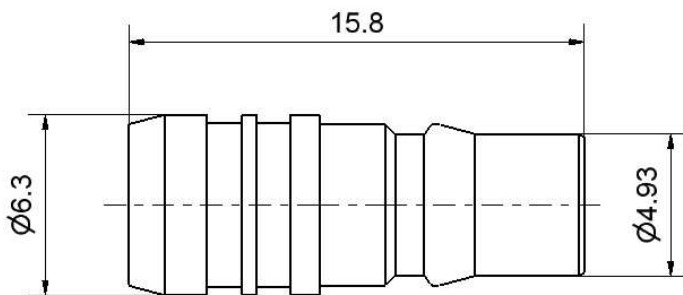
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All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

QLF® (Quick Lock Formula)

Rosenberger is an authorized QLF® manufacturer

Documents

N/A

Material and plating

Connector parts

- Center conductor
- Outer conductor
- Dielectric
- Substrate

Material

- Beryllium copper
- Brass
- PTFE
- Al₂O₃

Plating

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

Technical Data Sheet

Rosenberger

QMA

Termination
Jack 1 Watt

28K1ER-001N3

Electrical data

Impedance 50 Ω
Frequency DC to 12.4 GHz
Return loss ≥ 29 dB, DC to 1 GHz
 ≥ 21 dB, 1 GHz to 2.5 GHz
 ≥ 17 dB, 2.5 GHz to 12.4 GHz

Power handling (at 25 °C, sea level) 1 W at 2.5 GHz, derated linearity by 0.01 W/K

Mechanical data

Mating cycles ≥ 100
Engagement force 27 N (typ.)
Disengagement force 20 N (typ.)
Retention force for interface ≥ 60 N

Environmental data

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

Tooling

N/A

Suitable cables

N/A

Packing

Standard 100 pcs in bag
Weight 1.8 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	12.07.05	Markus Müller	22.05.18	c00	18-1027	Marion Striegler	22.05.18
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