



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

**Interface**

According to

IEC 61169-4, EN 122190, DIN 47223

**Documents**

N/A

**Material and plating**

**Connector parts**

- Center contact
- Outer contact
- Body
- Dielectric
- Substrate

**Material**

- CuBe
- Brass
- Al
- PPE
- Al<sub>2</sub>O<sub>3</sub>

**Plating**

- Silver, 3-6 µm
- Flash white bronze over silver(e.g. Optargen®)
- black anodised

# Technical Data Sheet

# Rosenberger

7-16

Termination  
jack

**60K17R-001N1**

## Electrical data

Impedance 50  $\Omega$   
Frequency DC to 8 GHz  
Return loss  $\geq 34.1$  dB, DC to 2 GHz  
 $\geq 26.0$  dB, 2 GHz to 8 GHz  
Power handling 1 W at 25°C  
derated linearity to 0 Watts at 125°C

## Mechanical data

Mating cycles  $\geq 500$   
Center contact captivation:  $\geq 200$  N  
Recommended torque 25 Nm to 30 Nm  
Proof torque max. 35 Nm

## Environmental data

Operating temperature range -40 °C to +85 °C  
Storage temperature range -40 °C to +85 °C  
RoHS compliant

## Packing

Standard 1 pce in bag  
Weight 140 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	29.07.05	Markus Müller	24.08.15	c00	15-0481	Marion Striegler	24.08.15

  

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