



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

**Interface**

According to

SMA IEC 169-15  
15K101-40M, RF Test switch

**Material and plating**

**Connector parts**

- Center contact
- Outer contact
- Outer contact
- Insulator

**Material**

- Beryllium copper
- Brass
- Beryllium copper
- PTFE

**Plating**

- Gold, min. 0.8  $\mu\text{m}$ , over chemical nickel
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**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≤ -21 dB, DC to 2 GHz ≤ -17 dB, 2 to 4 GHz ≤ -14 dB, 4 to 6 GHz
Insulation resistance	≥ 0.5 x10 <sup>3</sup> MΩ
Center contact resistance	≤ 50 mΩ
Outer contact resistance	≤ 50 mΩ
Working voltage	4 V

**Mechanical data**

Mating form	Snap-on
Mating cycles	> 2,000
Mating force	≤ 4 N
Unmating force	≤ 2 N

**Environmental data**

Temperature range	-40°C to +90°C
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**Packing**

Standard	1 pcs in plastic bag
Weight	2.65 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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