



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

**Interface**

According to CECC 22 230, DIN 47297

**Documents**

Panel piercing B 24

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Body  
Dielectric

**Material**

Beryllium copper  
Brass  
Brass  
PTFE

**Plating**

Gold, min. 1.27 µm, over chemical nickel  
Gold, min. 1.0 µm, over chemical nickel  
Gold, min. 1.0 µm, over chemical nickel

**Electrical data**

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 20 dB, DC to 4 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB, DC to 4 GHz
Insulation resistance	≥ 1x10 <sup>3</sup> MΩ
Center contact resistance	≤ 4 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 90 dB up to 1 GHz

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engaging and disengaging force	0.9 N to 10 N

**Environmental data**

Temperature range	-40°C to +85°C	
Climatic class	IEC 60068-2-1 40/85/21	
	IEC 60068-2-2	
	IEC 60068-2-3	
Vibration	IEC 60068-2-6	10 Hz to 2000 Hz, 100m/s <sup>2</sup>

**Tooling**

N/A

**Suitable cables**

N/A

**Packing**

Standard	100 pcs in bag
Weight	1.6 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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