



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

Interface

According to CECC 22 230, DIN 47297

Documents

Panel piercing B 55h

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric

Material

Beryllium copper
Brass
Brass
PTFE

Plating

AuroDur®, gold plated
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

Electrical data

Impedance	50 Ω
Frequency	DC to 10 GHz
Return loss	≥ 32 dB, DC to 1 GHz ≥ 30 dB, 1 to 4 GHz ≥ 15 dB, 4 to 10 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB, DC to 4 GHz
Insulation resistance	≥ 1x10 ³ 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 2002/95/EC (RoHS)	IEC 60068-2-6 compliant	10 Hz to 2000 Hz, 100m/s ²

Tooling

N/A

Suitable cables

N/A

Packing

Standard	100 pcs in blister
Weight	2.74 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
Inge Mühlauer	10/03/05	Gramsamer J.	14.03.08	d00	07-0154	S_Krautenb.	14.03.08
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