



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

Interface

According to CECC 22 240

Documents

Panel piercing B 27

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric

Material

CuBe
Brass
Brass
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated
AuroDur®, gold plated

ADAPTOR
1.6/5.6 JACK - JACK

78K102-K00L5

Electrical data

Impedance	75 Ω
Frequency	DC to 4 GHz
Return loss	≥ 30 dB, DC to 0.5 GHz ≥ 25 dB, 0.5 to 2 GHz ≥ 15 dB, 2 to 4 GHz
Insertion loss	≤ 0.1 dB, DC to 2 GHz
Insulation resistance	≥ 10x10 ³ MΩ
Center contact resistance	≤ 4 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	1000 V rms
Working voltage	330 V rms
RF-leakage	≥ 90 dB up to 1 GHz (slide-on) ≥ 100 dB up to 1 GHz (screw version)

Mechanical data

Mating cycles	≥ 500
Engaging and disengaging force	2.2 N to 12 N (screw-on, slide-on) 18 N to 50 N (quick-lock)
Center contact captivation: axial	≥ 30 N
Torque nut for panel mounting	≤ 1 Nm
Coupling mechanism retention force	≥ 300 N (screw version, quick-lock)

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	10 Hz to 2000 Hz, 100m/s ² compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in bag
Weight	6.3 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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