



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

Interface

According to CECC 22 240

Documents

Panel piercing / PCB layout B 53 / B 66

Material and plating

Connector parts	Material	Plating
Center contact	Beryllium copper	AuroDur, gold plated
Outer contact	Brass	AuroDur, gold plated
Body	Brass	AuroDur, gold plated
Dielectric	PTFE	

Electrical data

Impedance	75 Ω
Frequency	DC to 4 GHz
Return loss	≥ 30 dB, DC to 0.1 GHz ≥ 25 dB, 0.1 to 0.5 GHz ≥ 15 dB, 0.5 to 2 GHz
Insertion loss	≤ 0.1 dB, DC to 1 GHz
Insulation resistance	$\geq 10 \times 10^3$ M Ω
Center contact resistance	≤ 4 m Ω
Outer contact resistance	≤ 2 m Ω
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)

- Connector only, VSWR in application depends decisive on PCB layout -

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	≥ 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	IEC 60068-2-6 10 Hz to 2000 Hz, 100m/s ²
Max. soldering temperature 2002/95/EC (RoHS)	IEC 61760-1, +260°C for 10 sec. compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	50 pcs in blister
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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