



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

According to CECC 22 220, IEC 60169-36

Documents

Assembly instruction 29 D4

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Brass
CuBe
PTFE

Plating

AuroDur®, gold plated
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Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 34 dB, DC to 1 GHz ≥ 32 dB, 1 to 2.5 GHz ≥ 26 dB, 2.5 to 6 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 1 G Ω
Center contact resistance	≤ 5.0 m Ω
Outer contact resistance	≤ 2.5 m Ω
Test voltage	750 V rms
Working voltage	335 V rms
Contact Current	1.5A DC max.

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engagement force	≤ 25 N
Disengagement force	8 N min. to 20 N max.

Environmental data

Temperature range	-55°C to +155°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
RoHS	compliant

Tooling

N/A

Suitable cables

UT 85-M17, RG 405 /U

Weight

Weight 0.90 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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