



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

Interface

According to CECC 22 220, IEC 60169-36

Documents

Assembly instruction 29 A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric
Crimping sleeve

Material

Brass
CuBe
PTFE
Copper

Plating

AuroDur®, gold plated
AuroDur®, gold plated
Gold, 0.1 µm min.

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 25 dB, DC to 1 GHz ≥ 20 dB, 1 to 4 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB, DC to 4 GHz
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

Crimping tool	11W150-000
Crimp insert	11W150-402

Suitable cables

RG 316 /U, RG 174 A/U, RG 188 A/U

Weight

Weight	0,8 g/pce
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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