



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

Interface

According to MIL-STD-348

Documents

Assembly instruction 19 C

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric
Crimping ferrule

Material

Beryllium copper
Beryllium copper
Brass
PTFE
Copper

Plating

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

Electrical data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 20 dB, DC to 4 GHz ≥ 18 dB, 4 to 12 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB, DC to 12 GHz
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Test voltage	500 V rms
Working voltage	335 V rms
Contact Current	1.2A DC max.

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	
if mating part is smooth bore	≥ 1000
if mating part is limited detent	≥ 500
if mating part is full detent	≥ 100
Center contact captivation	≥ 7 N
Engagement force	
- smooth bore	9 N max.
- limited detent	45 N max.
- full detent	68 N max.
Disengagement force	
- smooth bore	2.2 N min.
- limited detent	9 N min.
- full detent	22 N min.

Environmental data

Temperature range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Tooling

Crimping tool	11W150-000
Crimp insert	11W150-102

Suitable cables

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

Weight

Weight 0.9 g/pce

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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