



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

Interface

According to	SMC side:	IEC 60169-9, CECC 22140, US MIL-C-39012
	SMA side:	IEC 60169-15; EN 122110; MIL-STD-348A, Fig. 310

Documents

N/A

Material and plating

Connector parts

- Center contact
- Outer contact SMC side
- Outer contact SMA side
- Dielectric
- Coupling nut SMC

Material

- CuBe or equiv.
- Brass
- CuBe or equiv.
- PTFE
- Brass

Plating

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

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SMC

Adaptor
SMC Jack – SMA Jack

39K132-K00L5

Electrical data

Impedance 50 Ω
 Frequency DC to 6 GHz
 Return loss ≥ 35 dB, DC to 1 GHz
 ≥ 30 dB, 1 to 3 GHz
 ≥ 20 dB, 3 to 6 GHz
 Insertion loss ≤ 0.05 √f(GHz) x dB
 Insulation resistance ≥ 1x10³ MΩ
 Center contact resistance ≤ 5 mΩ, SMC side ≤ 3 mΩ, SMA side
 Outer contact resistance ≤ 2.5 mΩ, SMC side ≤ 2 mΩ, SMA side
 Test voltage 750 V rms, 50 Hz, at sea level
 Working voltage ≤ 250 V rms, 50 Hz, at sea level
 RF-leakage ≥ 90 dB up to 1 GHz

Mechanical data

	SMC side	SMA side
Mating cycles	min. 500	min. 500
Coupling nut retention	≥ 150 N	N/A
Coupling test torque	max. 0.71 Nm	max. 1.7 Nm
Recommended torque	0.25 Nm to 0.35 Nm	0.8 Nm to 1.1 Nm
Center contact captivation: axial	≥ 10 N	≥ 10 N

Environmental data

Temperature range -55°C to +155°C
 Thermal shock MIL-STD-202, Meth. 107, Cond. B
 Vibration MIL-STD-202, Meth. 204, Cond. D
 Moisture resistance MIL-STD-202, Meth. 106
 Corrosion MIL-STD-202, Meth. 101, Cond B
 RoHS compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight 5.8 g/pce

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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	21.12.04	Chr. Janßen	23.11.20	f00	20-1927	S. Huber-Siegl	23.11.20
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