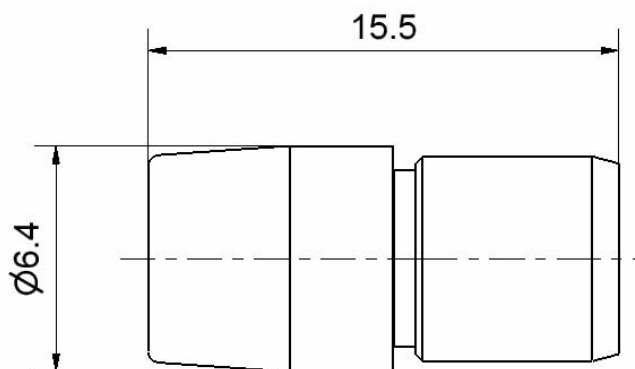
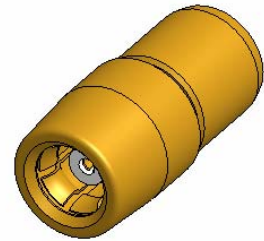




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

IEC 60169-10, CECC 22130, US MIL-C-39012

Documents

N/A

Material and plating**Connector parts**

Center contact
Outer contact
Body
Dielectric
Substrate

Material

Beryllium copper
Beryllium copper
Brass
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel
Gold, 0.15 µm

Electrical data

Impedance	50 Ω
Frequency	DC to 2 GHz
Return loss	≥ 24.9 dB, DC to 1 GHz
	≥ 20.8 dB, 1 GHz to 2 GHz
Center contact resistance	≤ 5 m Ω
Outer contact resistance	≤ 2.5 m Ω
Contact current	1.5 A DC typ.
Power handling	1 W at 25°C
	derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	≥ 500
Center contact captivation: axial	≥ 10 N
Engagement force	≤ 63 N
Disengagement force	8 N min. to 63 N max.

Environmental data

Temperature range	-55°C to +155°C
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Tooling

N/A

Suitable cables

N/A

Packing

Standard	100 pcs in bag
Weight	1.9 g/pce

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Kerstin Herzog	25/07/05	Frank Weiß	05/08/05	a00	04-0130	Siegmar Hoyer	01/08/05

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