Data Sheet

Within Series Adaptor 34_SMA-50-0-3/111_N

Description

Bulkhead adaptor jack/jack SMA jack (female) / SMA jack (female)

Interface standard Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110

Benefits

Hermetic sealed connector Ingress protection according to IP68

Technical Data

Interface frequency max.

Electrical Data Impedance



7 to 18 GHz 17 dB

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Frequency range 0 to 3 GHz 3 to 7 GHz Return loss 26 dB 20 dB **Mechanical Data** Chassis torque 2 Nm Number of matings 500 Weight 0.0068 kg **Environmental Data** Operating temperature -20 °C to 165 °C 2011/65/EU (RoHS - including not compliant 2015/863 and 2017/2102)

50 Ω 18 GHz

Material Data

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	

Related Documents

Outline drawing Mounting hole DOU-00013644 DOU-00008860

Ordering Information

Single package

34_SMA-50-0-3/111_NE

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Remarks

Hermetically sealed: leak rate <= 10^-7 Torr l/s (atm cc/s)

O-ring mount bulkhead feedthrough design, leak rate dependent on environmental condition, typ. <= 10^-6 Torr I/s"

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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