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

Frequency range



7 to 18 GHz 17 dB

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)	not compliant	

50 Ω 18 GHz

0 to 3 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)	

3 to 7 GHz

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	DOU-00013644
Mounting hole	DOU-00008860

Ordering Information

Single package

34_SMA-50-0-3/111_NE

Remarks

Hermetically sealed: Leakage rate 10-7 Torr l/sec (atm cc/s)





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