Data Sheet

HUBER+SUHNER

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



7 to 18 GHz 17 dB

Technical Data

Electrical Data

Mechanical Data

Chassis torque 2 Nm
Number of matings 500
Weight 0.0068 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -20 °C to 165 °C not compliant

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

20 dB

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

Data Sheet



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

Remarks

Hermetically sealed: leak rate <= 10^-7 Torr I/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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.