# **Data Sheet**



# Within Series Adaptor 34\_SMA-50-0-1/111\_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



10 to 18 GHz

≥ 22 dB

#### **Technical Data**

**Electrical Data** 

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 18 $GHz$ \\ Frequency range & DC to 6 $GHz$ \\ Return loss & $\geq$ 30 $dB$ \\ \end{tabular}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0041 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 125 °C 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	

6 to 10 GHz

≥ 25 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	

#### **Related Documents**

Catalogue drawing DCA-00013642
Mounting hole DOU-00008731

### **Ordering Information**

 Bulk 100 pcs package
 34\_SMA-50-0-1/111\_NH

 Single package
 34\_SMA-50-0-1/111\_NE

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