# **Data Sheet**

# Within Series Adaptor 37\_SMA-50-0-1/111\_N



# **Description**

Panel adaptor jack/jack, flange mount SMA jack (female) / SMA jack (female)

Interface standard
Series SMA - IEC 60169-15 MIL-STD-348A/310 CECC 22110



#### **Technical Data**

#### **Electrical Data**

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 18 $GHz$ \\ Frequency range & DC to 18 $GHz$ \\ Return loss & $\geq 20 $ dB$ \\ \end{tabular}$ 

#### **Mechanical Data**

Number of matings 500
Weight 0.0043 kg

#### **Environmental Data**

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) 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	

#### 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**

Outline drawing DOU-00013522 Mounting hole DOU-00008784

# **Ordering Information**

Single package 37\_SMA-50-0-1/111\_NE

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