# **Data Sheet**



# Between Series Adaptor 33\_1023-SMA-C50-1/111\_N

### **Description**

Adaptor plug/jack

1.0/2.3 C50 plug (male) / SMA jack (female)

Interface standards
Series 1.0/2.3 C50 - DIN 41626/2
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

#### **Electrical Data**

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 4 $GHz$ \\ Frequency range & DC to 4 $GHz$ \\ Return loss & $\geq 27 $\,dB$ \\ \end{tabular}$ 

#### **Mechanical Data**

Number of matings 500
Weight 0.0029 kg

#### **Environmental Data**

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 125 °C compliant

#### **Material Data**

Interface - 1.0/2.3 C50 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	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	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00014438

## **Ordering Information**

Single package 33\_1023-SMA-C50-1/111\_NE

## Remarks

Insertion loss: < 0.1 dB up to 4 GHz

# **Data Sheet**



Between Series Adaptor 33\_1023-SMA-C50-1/111\_N

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