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 Ω \\ 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

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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