

Between Series Adaptor 37_BMA-SMA-50-1/1--_U

Description

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

Interface standards

Series BMA - IEC 60169-33_MIL-STD-348A/321

Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110



Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 9 GHz ≤ 1.07 + 0.017 f (GHz)
Frequency range	9 to 18 GHz
Return loss	≥ 20.1 dB

Mechanical Data

Number of matings	500
Weight	0.0061 kg

Environmental Data

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

Material Data

Interface - BMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Stainless Steel	
Insulator	PFA / PTFE	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00014085
Mounting hole	DOU-00008816

Ordering Information

Single package	37_BMA-SMA-50-1/1--_UE
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Remarks

Impedance matching

DC to 9 GHz: VSWR ≤ 1.07 + 0.017 * f [GHz]

9 to 18 GHz: VSWR ≤ 1.22 / return loss ≥ 20.1 dB

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Mouser Electronics

Authorized Distributor

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