Data Sheet

HUBER+SUHNER

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

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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Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.

Unikeyic Electronics

Global Electronic Components Distributor

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G032D/Nm/SMAm/1000 MINIBEND R-8 22511964 24_SMA-50-2-15/111_NH 6601_PC185-50-1/199_NE 84093961 G032D/BNCm/BNCm/1000 RADOX 125 0.75 MMÂ² RED 1399.31.0020 MINIBEND R-10 Minibend L-10 6620_SMA-50-2/199_NE 84118385 G_03130_HT-01 PCRS_LCMX_LCMX_O421T_30.0_LL 11_SMC-50-2-10/111_NE 12535682 23000457 RG_196_A/U 12012090 1399.17.0231 16_MMCX-50-2-4/111_OH 23002145 33_PC24-SK-50-2/199_NE 6806.19.A MINIBEND R-12 11MMBXEF31616MMBX/300 11_TNC-50-3-116/133_NE 1399.17.0210 85201112