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Huang Liang BMA Male to SMA Female 2-Hole Flange Mount Adapter

SKU: ACC-HL-00061

MPN: 160-A01F.188

Description

The Huang Liang BMA Male to SMA Female 2-Hole Flange Mount Adapter (Part Number: 160-A01F.188) is a high-quality 50 Ω coaxial RF adapter suitable for various high-frequency applications. It features a BMA Male interface with a straight body and 2-Hole Flange Front Mount, compatible with BMA Female interfaces. The SMA Female interface also has a straight body and 2-Hole Flange Rear Mount, compatible with SMA Male interfaces.

Operating across a frequency range of 0 GHz to 20 GHz, this adapter is constructed from durable 303 stainless steel with a passivated finish, ensuring longevity and resistance to corrosion. The inner contacts are made of beryllium copper with gold plating, enhancing signal integrity and reliable connectivity. The adapter functions effectively within a temperature range of -65 °C to 125 °C, making it suitable for demanding environments.

Manufactured to ISO 9001 Quality Management standards and compliant with RoHS...

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Huang Liang

Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunications, and aerospace.

Over 30 years of experience in developing and designing RF products, Huang Liang has overcome many challenges, resulting in unmatched expertise in the field of RF technology. Huang Liang ...

RF Connector Interface

RF Interface	Body Shape	Mounting
BMA Male	Straight	2-Hole Flange
SMA Female	Straight	2-Hole Flange

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	20 GHz	Inner Contact Resistance:	≤ 6 mΩ
RF Operating Voltage:	≥ 375 Vrms	Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 2 mΩ

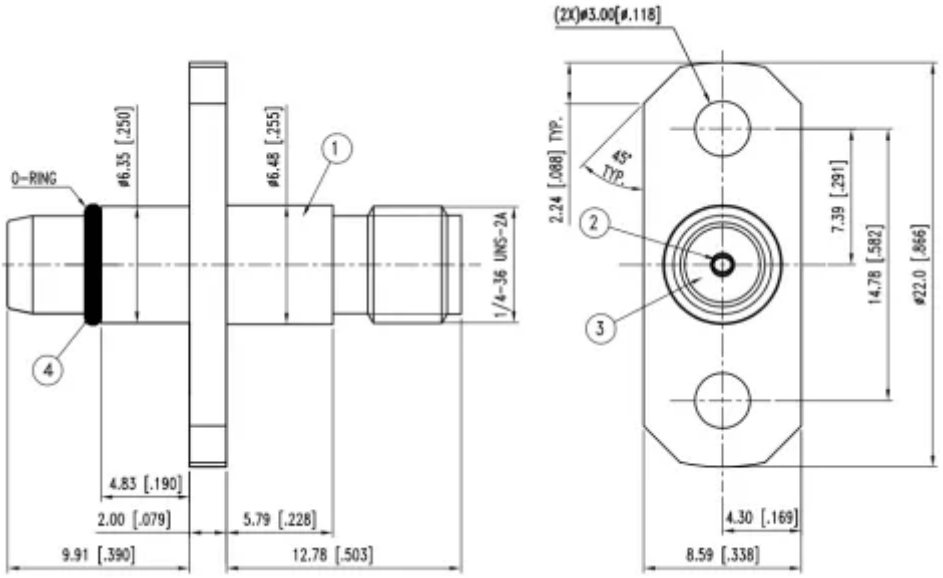
VSWR Measurement

Frequency	VSWR	Insertion Loss
20000 MHz	≤ 1.25:1	0.27 dB

Physical Specification

Body Material:	Stainless Steel (303)	Contact Material:	Beryllium Copper
Body Plating:	Passivated	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Compliance/Certifications:	ISO 9001 Quality Management , RoHS	Max. Operating Temperature:	125 °C
		Mating Cycles:	> 500

Drawing


(2X)ø3.00[ø.118]
O-RING
ø6.35 [.250]
ø6.48 [.255]
1/4-36 UNS-2A
2.24 [.088] TYP.
45° TYP.
7.39 [.291]
14.78 [.582]
ø22.0 [.866]
4.83 [.190]
2.00 [.079]
5.79 [.228]
9.91 [.390]
12.78 [.503]
4.30 [.169]
8.59 [.338]

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