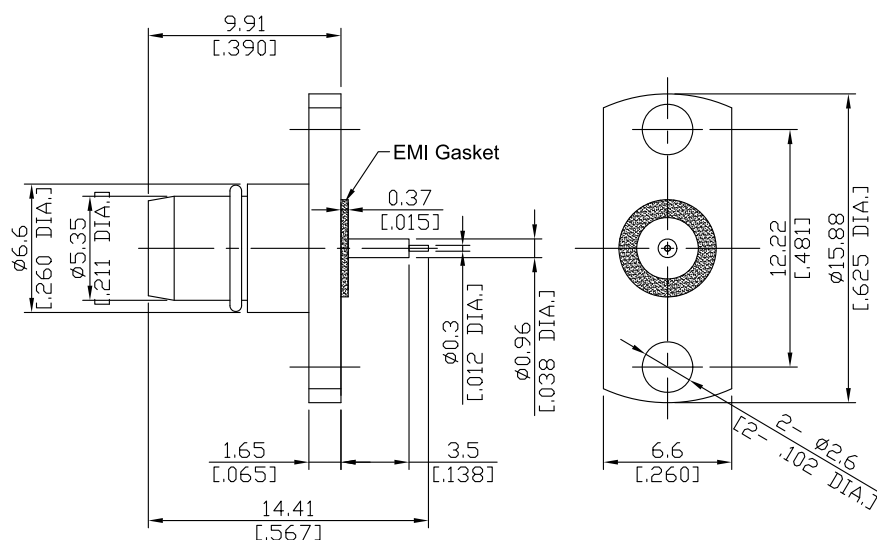
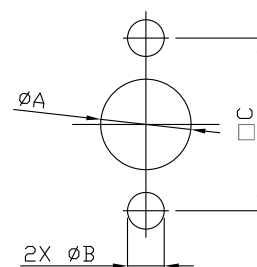


**BMA Plug (Male) Connector Solder Attachment with EMI Gasket 2 Hole Flange
Mount Stub Terminal, 12.22 mm (.481 inch) Hole Spacing DC-22GHz VSWR1.25**

BMA1GTA50-1441A-EMI / 9X



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	1.16	1.06	.046	.042
B	2.8	2.7	.110	.106
C	12.27	12.17	.483	.479

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/321; IEC 60169-33

Electrical Data

Impedance	50 Ω
Frequency	DC to 22 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.07 x √F (GHz) dB
Insulation Resistance	≥ 5 x 10 ³ MΩ
Center Contact Resistance	≤ 2 mΩ
Outer Contact Resistance	≤ 2 mΩ
Test Voltage	1000 V rms
Working voltage	400 V rms
RF-leakage	≥ 85 dB up to 1 GHz

-VSWR in application depends decisive on PCB layout or cavity design-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
EMI Gasket	Elastomer Silicone Rubber	

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BMA1GTA50-1441A-EMI / 9X

Mechanical Data

Coupling Mechanisms	Slide-on
Mating Cycles	≥ 1000
Center Contact Captivation	≥ 27 N
Engagement Force	≤ 13.5 N
Disengagement Force	≥ 2 N
Centre Contact	Soldered
Terminal Type	Stub
Captivated Type	Mechanical

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100