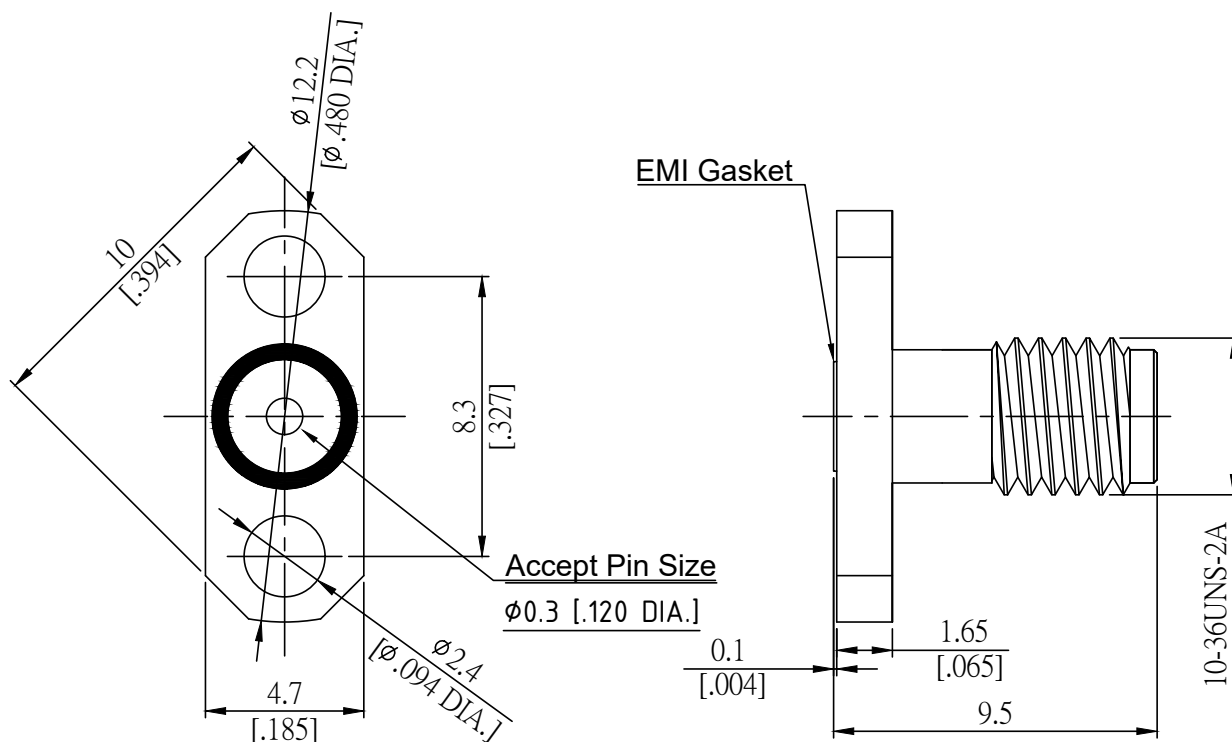


SSMA Jack (Female) Field Replaceable Connector 2 Hole Flange Mount  
0.3 mm (.012 inch) Accept Pin With EMI Gasket DC-46 GHz VSWR1.42

## SSMA2BT50-0012A-EMI / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

MIL-PRF-39012; MIL-STD-348A/319

### Electrical Data

Impedance	50 Ω
Frequency	DC to 46 GHz
VSWR (Return Loss)	≤ 1.42 (≥ 15.2 dB)
Insertion Loss	≤ 0.035 × √F (GHz) dB
Insulation Resistance	≥ 10 GΩ
Center Contact Resistance	≤ 6.0 mΩ
Outer Contact Resistance	≤ 2.0 mΩ
Voltage Rating	≤ 250 V rms
Dielectric Withstanding Voltage	≤ 750 V rms
RF-leakage	≥ 100 dB up to 46 GHz

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:  
Date:  
JUL/16/2021

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## SSMA2BT50-0012A-EMI / 9X

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 20 N
Recommended Torque	20 Nm to 35 Nm

### Environmental Data

Temperature Range	-65°C to +200°C
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