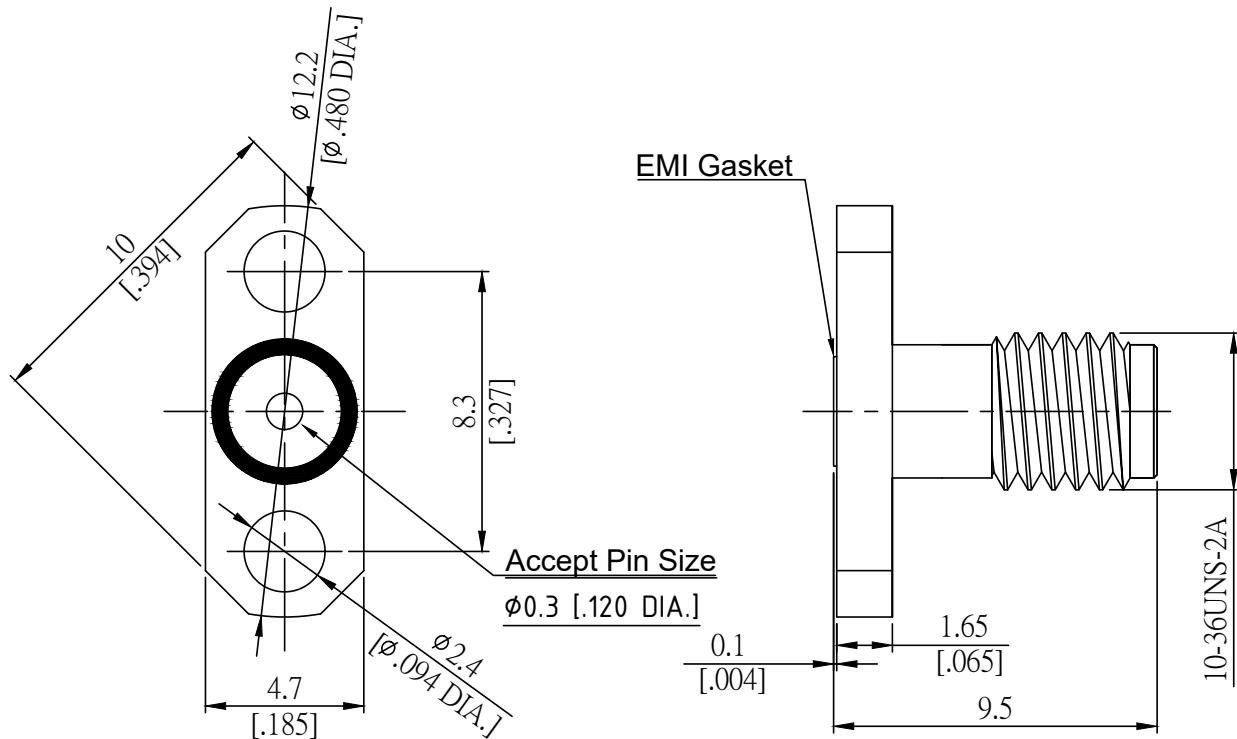


SSMA Jack (Female) Field Replaceable Connector 2 Hole Flange Mount
0.3 mm (.012 inch) Accept Pin With EMI Gasket DC-46 GHz VSWR1.42

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 x √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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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