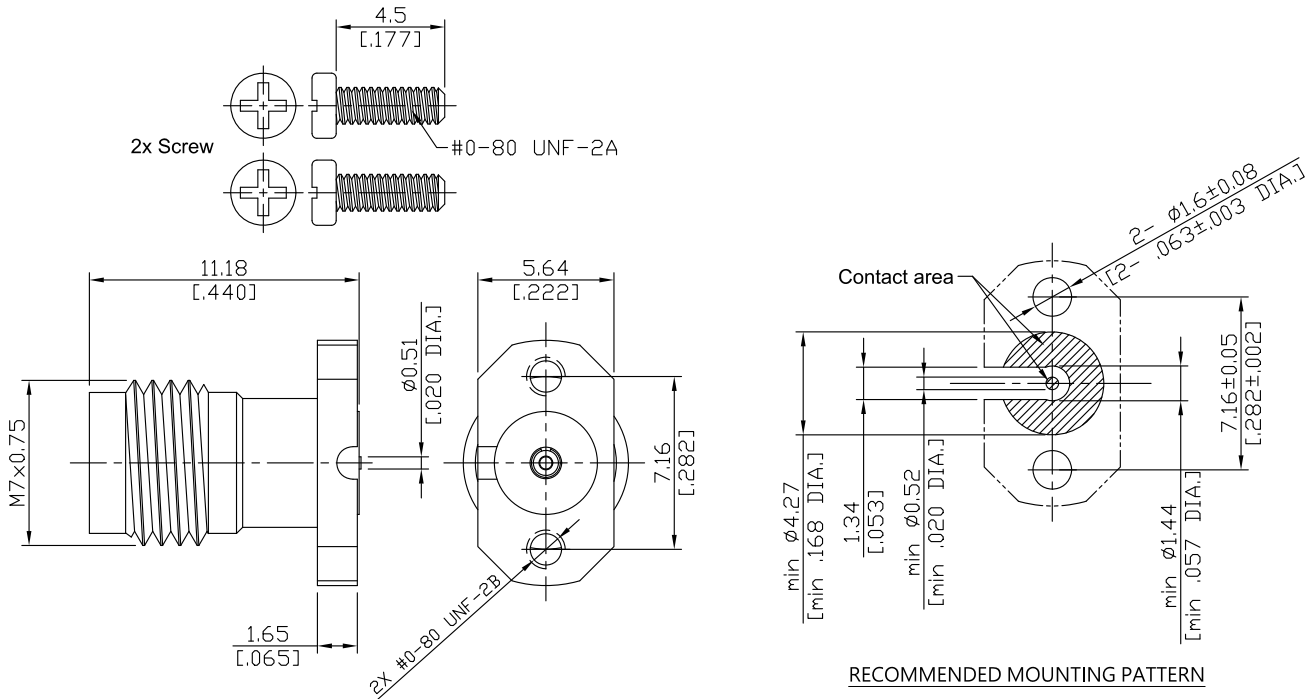


2.4mm Jack (Female) Solderless PCB Compression Mount Connector, 2 Hole, with Screws
50GHz VSWR 1.3

Q2LA50-1118B-SC4.5 / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-40; IEEE Std 287; MIL-STD-348B/324
Mechanically compatible with 1.85mm

Electrical Data

Impedance 50 Ω
Frequency DC to 50 GHz
VSWR (Return Loss) ≤ 1.3 (≥ 17.69 dB)
Insertion Loss ≤ 0.05 x √F (GHz) dB
Insulation Resistance ≥ 5 GΩ
Test Voltage 500 V rms
Working voltage 150 V rms
-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	PEI	
Screw	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation	≥ 27 N
Coupling Test Torque	1.65 Nm
Recommended Torque	0.80 Nm to 1.10 Nm
Recommended torque fastening screws	0.15 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture Resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100