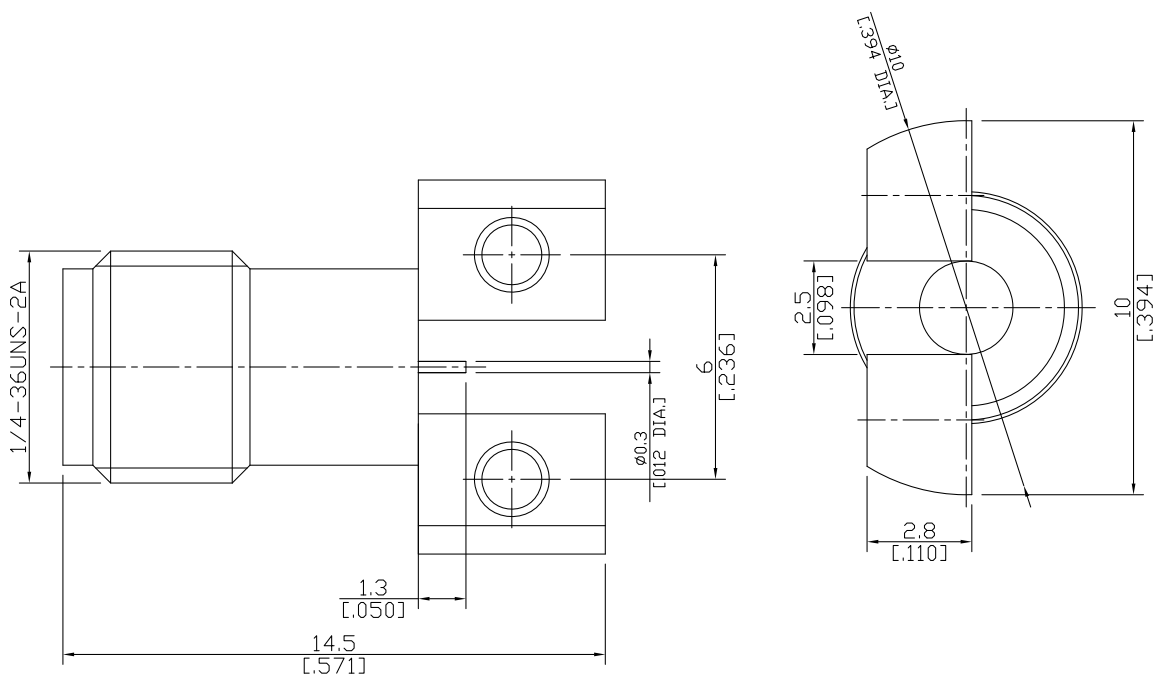


2.92mm Jack (female) Connector PCB Edge Mount Right Angle
Solder Attachment DC-40GHz

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All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-35

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
Insertion Loss	$\leq 0.1 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 3.0 mΩ
Outer Contact Resistance	≤ 2.0 mΩ
Test Voltage	750 V rms
Working Voltage (at sea level)	250 V rms
Power Handling (at 20 °C, sea level, VSWR 1.0)	≤ 100 dB up to 1 GHz

Material And Plating

Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Insulator	PTFE	

2.92mm Jack (female) Connector PCB Edge Mount Right Angle
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	max. 0.40 Nm
Recommended Torque	0.30 Nm

Environmental Data

Temperature Range	-40°C to +85°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