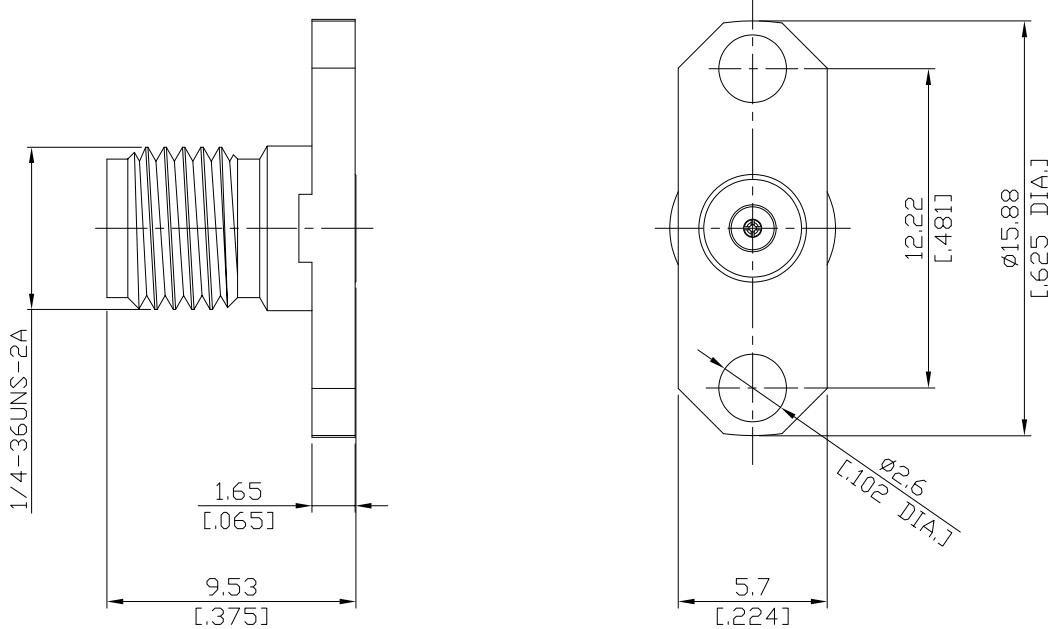


2.92mm Jack (Female) Connector 2 Straight Field Replaceable
12.22mm (.481 inch) Hole Spacing DC-40GHz VSWR 1.15

K2BT50-0020A / 9X



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
VSWR (Return Loss)	DC to 27 GHz: ≤ 1.10 (≥ 26.44 dB) 27 GHz to 40 GHz: ≤ 1.15 (≥ 23.13 dB)
Insertion Loss	≤ 0.3 dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 3.0 mΩ
Outer Contact Resistance	≤ 2.0 mΩ
Test Voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Material And Plating

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

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-65°C to +155°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