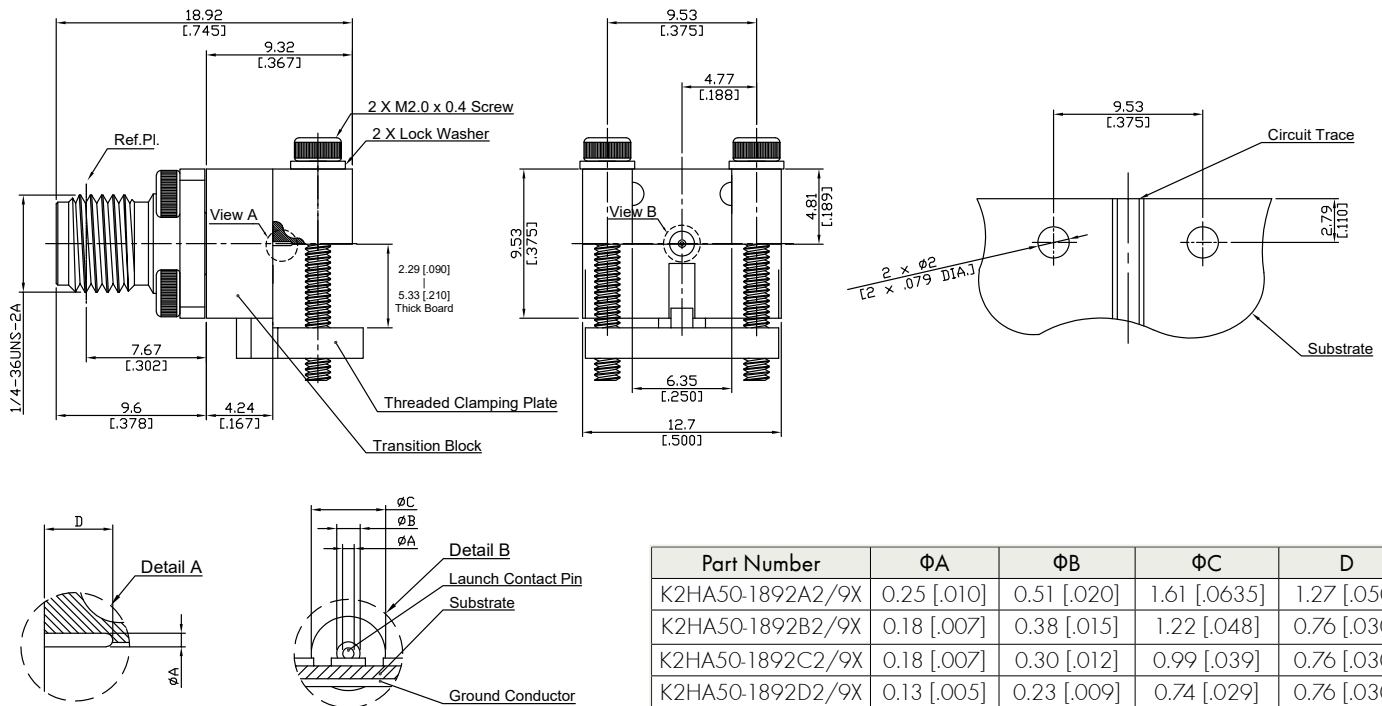


2.92mm Jack (female) Connector PCB End Launch Straight DC-40GHz

K2HA50-1892A2 / 9X



Part Number	ΦA	ΦB	ΦC	D
K2HA50-1892A2/9X	0.25 [0.010]	0.51 [0.020]	1.61 [0.0635]	1.27 [0.050]
K2HA50-1892B2/9X	0.18 [0.007]	0.38 [0.015]	1.22 [0.048]	0.76 [0.030]
K2HA50-1892C2/9X	0.18 [0.007]	0.30 [0.012]	0.99 [0.039]	0.76 [0.030]
K2HA50-1892D2/9X	0.13 [0.005]	0.23 [0.009]	0.74 [0.029]	0.76 [0.030]

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-40

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Test Voltage	750 V rms
Working voltage	250 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Material And Plating

Connector parts (2.92mm Connector)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Connector parts (Transition Block)	Material	Plating
Launch Pin	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Transition Block	Brass	Nickel
Transition Block Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.65 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-55°C to +165°C
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100