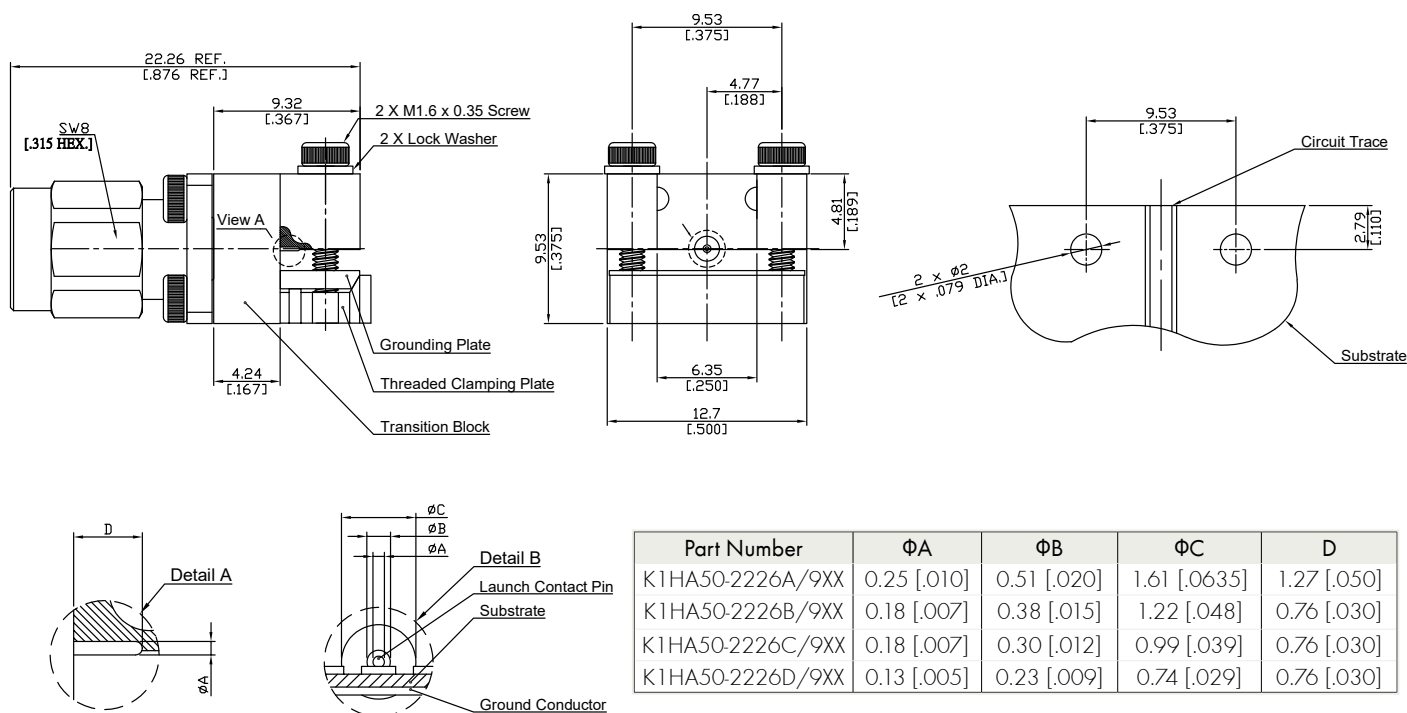


2.92mm Plug (male) Connector PCB End Launch Straight DC-40GHz

K1HA50-2226B / 9XX



Part Number	ΦA	ΦB	ΦC	D
K1HA50-2226A/9XX	0.25 [0.010]	0.51 [0.020]	1.61 [0.0635]	1.27 [0.050]
K1HA50-2226B/9XX	0.18 [0.007]	0.38 [0.015]	1.22 [0.048]	0.76 [0.030]
K1HA50-2226C/9XX	0.18 [0.007]	0.30 [0.012]	0.99 [0.039]	0.76 [0.030]
K1HA50-2226D/9XX	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 61169-35

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.40 (≥ 15.6 dB)

Insertion Loss

≤ 0.05 × √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	PS	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Connector parts (Transition Block)	Material	Plating
Launch Pin	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Transition Block	Brass	Copper-Tin-Zinc Alloy
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