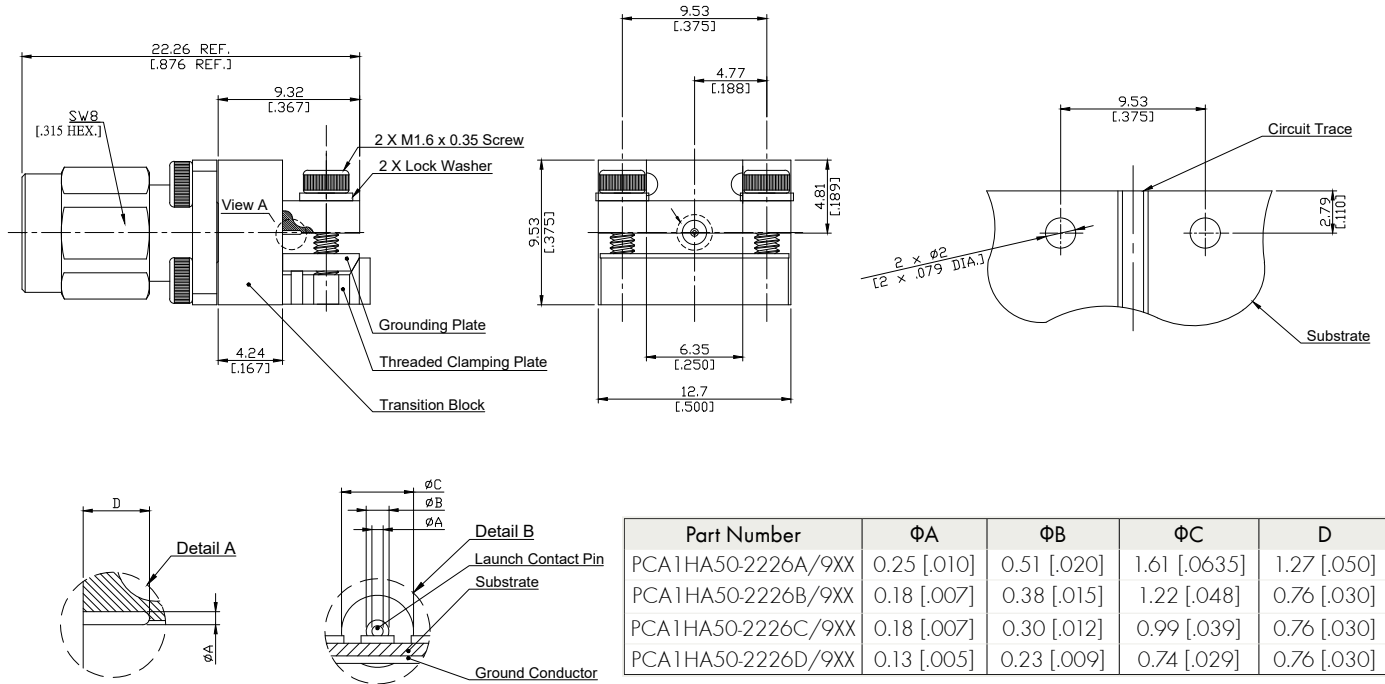


Precision SMA Plug (male) Connector PCB End Launch Straight DC-26.5GHz - Low Profile

**PCA1HA50-2226A-LP / 9XX**



All dimensions are in mm [inch]  
Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 61169-15; MIL-STD-348B/310

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 26.5 GHz
VSWR (Return Loss)	≤ 1.40 (≥ 15.6 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	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	

Precision SMA Plug (male) Connector PCB End Launch Straight DC-26.5GHz - Low Profile

## PCA1HA50-2226A-LP / 9XX

### 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