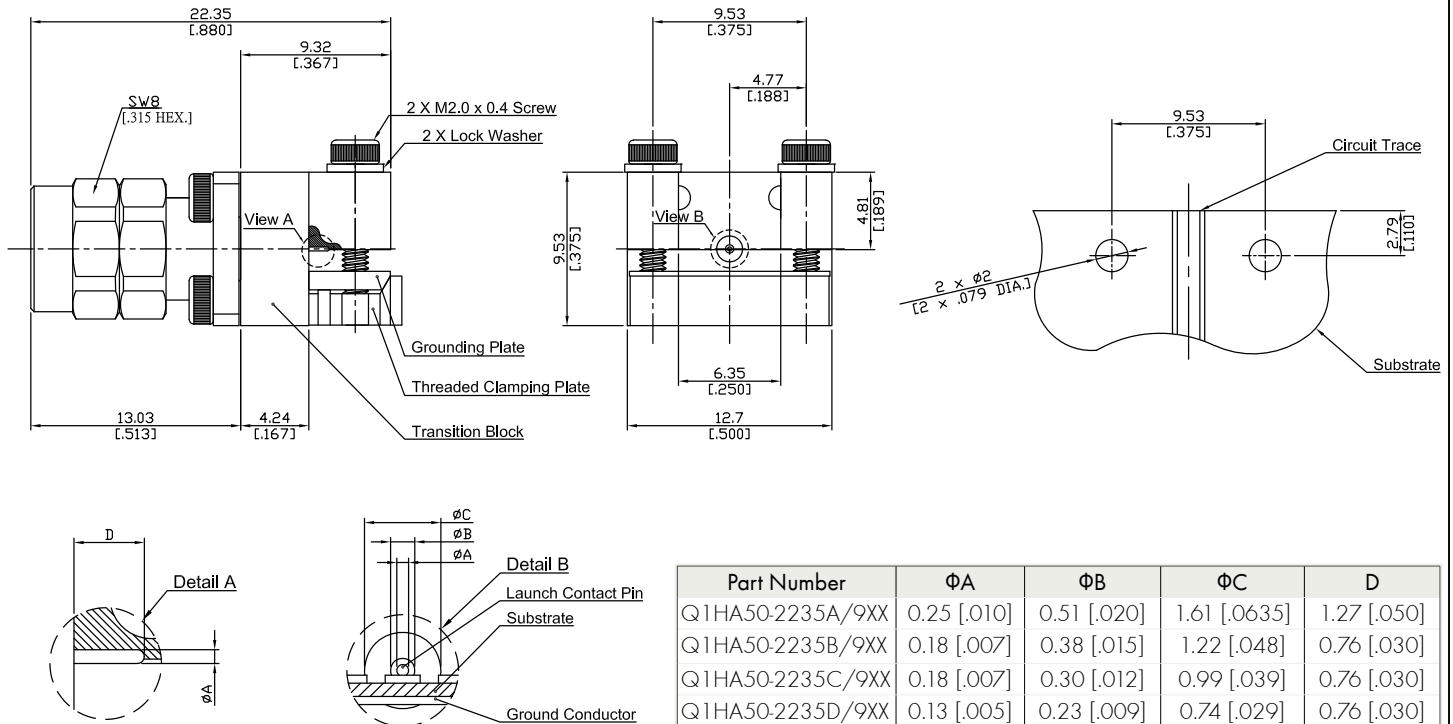


2.4mm Plug (male) Straight PCB End Launch

Q1HA50-2235B / 9XX



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 50 GHz

Insertion Loss

≤ 0.05 × √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Test Voltage

500 V rms

Working voltage

150 V rms

Material And Plating

Connector parts (2.4mm Connector)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling Nut	Stainless Steel	Passivated
Connector parts (Transition Block)	Material	Plating
Launch Pin	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Transition Block	Brass	Copper-Tin-Zinc Alloy
Transition Block Insulator	PTFE	

2.4mm Plug (male) Straight PCB End Launch

Q1HA50-2235B / 9XX

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Board mounting type	End Launch
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 +80°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture Resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100