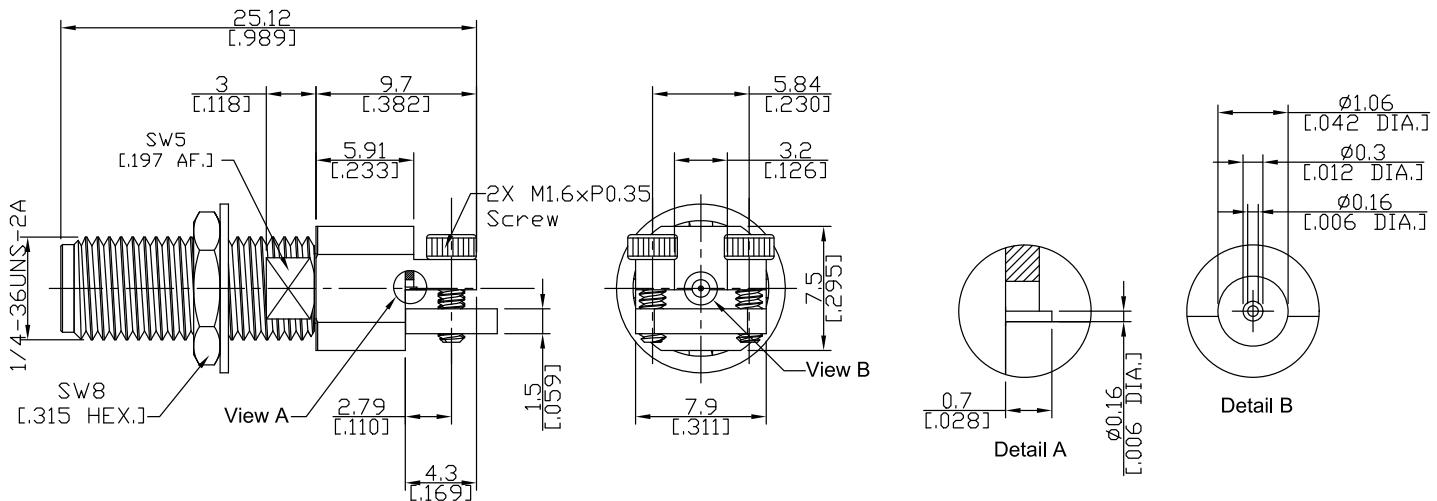


2.92mm Bulkhead Jack (Female) End Launch Connector

K2HA50BH-2512A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35; IEEE Std 287

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.40 (≥ 15.56 dB)

Insertion Loss

 $\leq 0.04 \times \sqrt{f}$ (GHz) dB

Insulation Resistance

 ≥ 5 GΩ

Test Voltage

750 V rms

Working voltage

250 V rms

- Return loss in application depends decisive on PCB layout -

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PEI	
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles 2.92mm side	≥ 500
Board mounting type	End Launch
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.7 Nm
Recommended Torque	0.80 Nm to 1.10 Nm
Recommended torque screw 1.6	0.20 Nm to 0.30 Nm

Environmental Data

Temperature Range	-55°C to +85°C
Thermal shock	MIL-STD-202, Method 107, Condition B
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