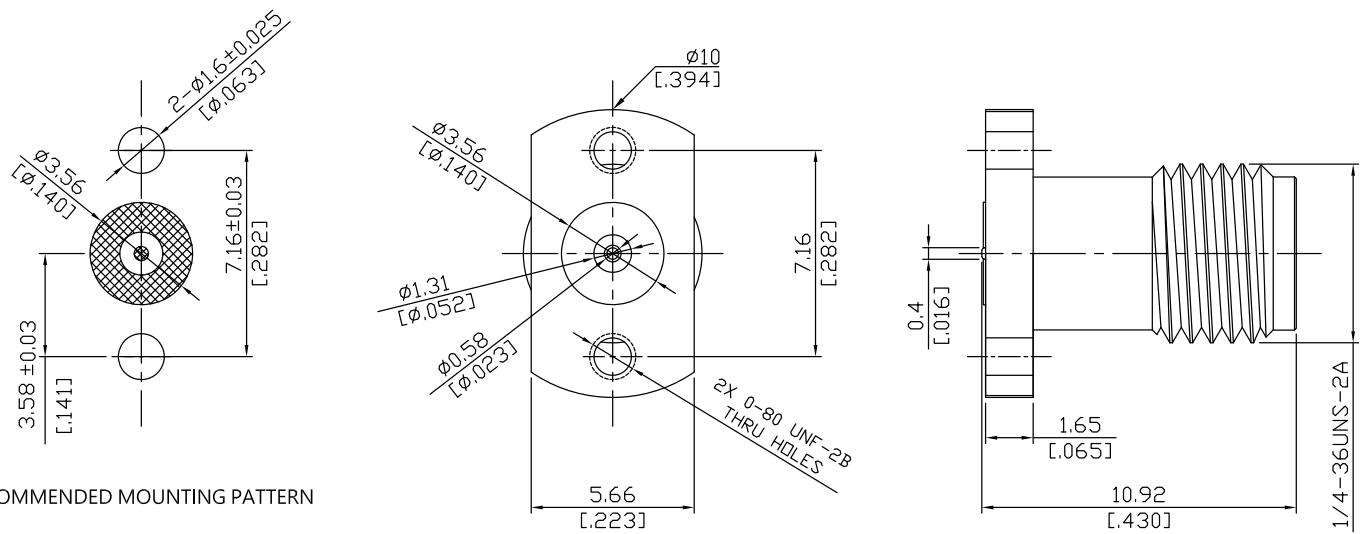


2.92mm Jack (female) Connector Compression Mount  
For High Speed Stripline Options DC-40GHz

**K2LA50-1092A / 9X**



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)

≤ 1.35 (≥ 16.54 dB)

Insertion Loss

≤ 0.04 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

##### Piece Parts

##### Material

##### Plating

Centre contact

Beryllium Copper

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Stainless Steel

Passivated

Insulator

PEI

2.92mm Jack (female) Connector Compression Mount  
For High Speed Stripline Options DC-40GHz

## K2LA50-1092A / 9X

## 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