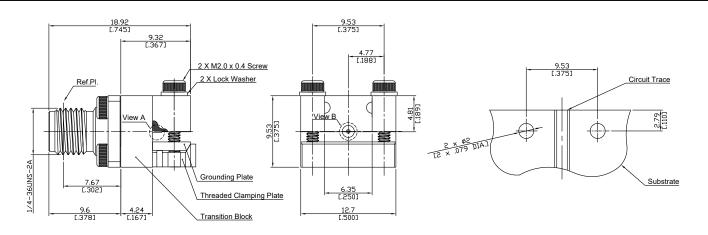
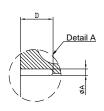


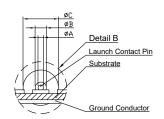
Technical Data Sheet

2.92mm Jack (female) Connector PCB End Launch Straight DC-40GHz

K2HA50-1892B / 9X







| Part Number | ФА ФВ | | ΦС | D | |
|-----------------|-------------|-------------|--------------|-------------|--|
| K2HA50-1892A/9X | 0.25 [.010] | 0.51 [.020] | 1.61 [.0635] | 1.27 [.050] | |
| K2HA50-1892B/9X | 0.18 [.007] | 0.38 [.015] | 1.22 [.048] | 0.76 [.030] | |
| K2HA50-1892C/9X | 0.18 [.007] | 0.30 [.012] | 0.99 [.039] | 0.76 [.030] | |
| K2HA50-1892D/9X | 0.13 [.005] | 0.23 [.009] | 0.74 [.029] | 0.76 [.030] | |

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

Insulation Resistance

Test Voltage

Working voltage RF-leakage

IEC 61169-40

50 Ω

DC to 40 GHz

≤ 1.25 (≥ 19.08 dB)

 \leq 0.05 x \sqrt{F} (GHz) dB

 $\geq 5 \text{ G}\Omega$

750 V rms

250 V rms

 \geq 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 | PEI | |
| | | |
| Connector parts (Transition Block) | Material | Plating |
| Connector parts (Transition Block) Launch Pin | Material Beryllium Copper | Plating Gold plating, 3 µinch |
| | | 9 |
| | | Gold plating, 3 µinch |

| The facts and figures herein are carefully compiled to the best of our | L KOV. | Rosnol RF/Microwave Technology Co., Ltd. | Page |
|-----------------------------------------------------------------------------|-------------|-----------------------------------------------|------|
| knowledge, but they are intended for general informational purposes only. | | www.rosnol.com; info@rosnol.com | |
| In the effort to improve our products, we reserve the right to make changes | 1 | Phone: +886-3-463-5095 / Fax: +886-3-463-5952 | 1/2 |
| judged to be necessary. | JUL/16/2021 | N-CAGE Code: SFKK0 / ISO9001 Certified | 1/2 |



Technical Data Sheet

2.92mm Jack (female) Connector PCB End Launch Straight DC-40GHz

K2HA50-1892B / 9X

Mechanical Data

Coupling mechanisms

Mating Cycles

Center Contact Captivation: axial

Coupling Test Torque

Recommended Torque

Environmental Data

Temperature Range

Corrosion

Vibration Shock

Moisture Resistance

RoHS

Packing

Screw-lock

≥ 500

≥ 20 N

1.65 Nm

0.80 Nm to 1.10 Nm

-55°C to +165°C

MIL-STD-202, Method 101, Condition B MIL-STD-202, Method 204, Condition D

MIL-STD-202, Method 213, Condition I

MIL-STD-202, Method 106

compliant

Single or 100