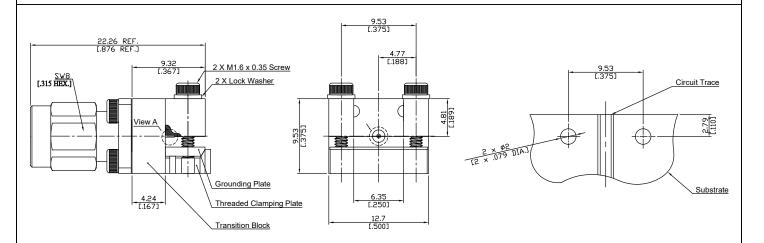
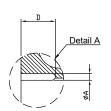


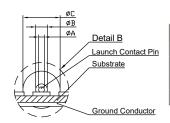
Technical Data Sheet

2.92mm Plug (male) Connector PCB End Launch Straight DC-40GHz

K1HA50-2226C / 9XX







Part Number	ΦА	ФВ	ФС	D
K1HA50-2226A/9XX	0.25 [.010]	0.51 [.020]	1.61 [.0635]	1.27 [.050]
K1HA50-2226B/9XX	0.18 [.007]	0.38 [.015]	1.22 [.048]	0.76 [.030]
K1HA50-2226C/9XX	0.18 [.007]	0.30 [.012]	0.99 [.039]	0.76 [.030]
K1HA50-2226D/9XX	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

Impedance

IEC 61169-35

Electrical Data

Frequency
VSWR (Return Los

VSWR (Return Loss) Insertion Loss Insulation Resistance

Test Voltage Working voltage RF-leakage 50 Ω

DC to 40 GHz

≤ 1.40 (≥ 15.6 dB) ≤ 0.05 x √F (GHz) dB

≥ 5 GΩ 750 V rms

250 V rms

≥ 100 dB up to 1 GHz

Material And Plating

J		
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	

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

r /.	Kev.:-	Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
	Date: IUL/16/2021	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2



Technical Data Sheet

2.92mm Plug (male) Connector PCB End Launch Straight DC-40GHz

K1HA50-2226C / 9XX

Mechanical Data

Coupling mechanisms

Mating Cycles Center Contact Captivation: axial

Coupling Test Torque

Recommended Torque

Environmental Data

Corrosion

Vibration Shock

Moisture Resistance

Temperature Range

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

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Rev.:-In the effort to improve our products, we reserve the right to make changes Date: JUL/16/2021

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