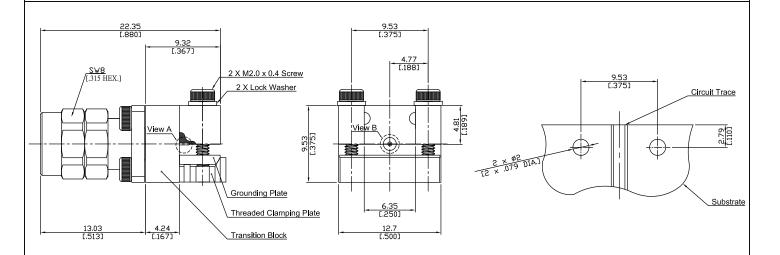
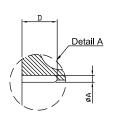


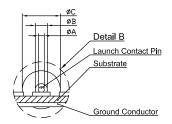
Technical Data Sheet

2.4mm Plug (male) Straight PCB End Launch

Q1HA50-2235B / 9XX







Part Number	ФА	ФВ	ФС	D
Q1HA50-2235A/9XX	0.25 [.010]	0.51 [.020]	1.61 [.0635]	1.27 [.050]
Q1HA50-2235B/9XX	0.18 [.007]	0.38 [.015]	1.22 [.048]	0.76 [.030]
Q1HA50-2235C/9XX	0.18 [.007]	0.30 [.012]	0.99 [.039]	0.76 [.030]
Q1HA50-2235D/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

Impedance

According to

IEC 61169-40

Electrical Data

Frequency Insertion Loss

Insulation Resistance

Test Voltage Working voltage DC to 50 GHz

≤ 0.05 x √ F (GHz) dB

≥ 5 GΩ

50 Ω

500 V rms

150 V rms

Material And Plating

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Connector parts (2.4mm Connector)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
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.	Kev.:-	Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952 N-CAGE Code: SFKK0 / ISO9001 Certified	1/2



Technical Data Sheet

2.4mm Plug (male) Straight PCB End Launch

Q1HA50-2235B / 9XX

Mechanical Data

Coupling mechanisms

Mating Cycles

Board mounting type

Center Contact Captivation: axial

Coupling Test Torque

Recommended Torque

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture Resistance

RoHS Packing Screw-lock ≥ 500 End Launch

≥ 20 N 1.65 Nm

0.80 Nm to 1.10 Nm

-55°C to +80°C

IEC 61169-1, Subclause 9.4.4 IEC 61169-1, Subclause 9.4.6 IEC 61169-1, Subclause 9.3.3 IEC 61169-1, Subclause 9.3.14 IEC 61169-1, Subclause 9.4.3

compliant

Single or 100