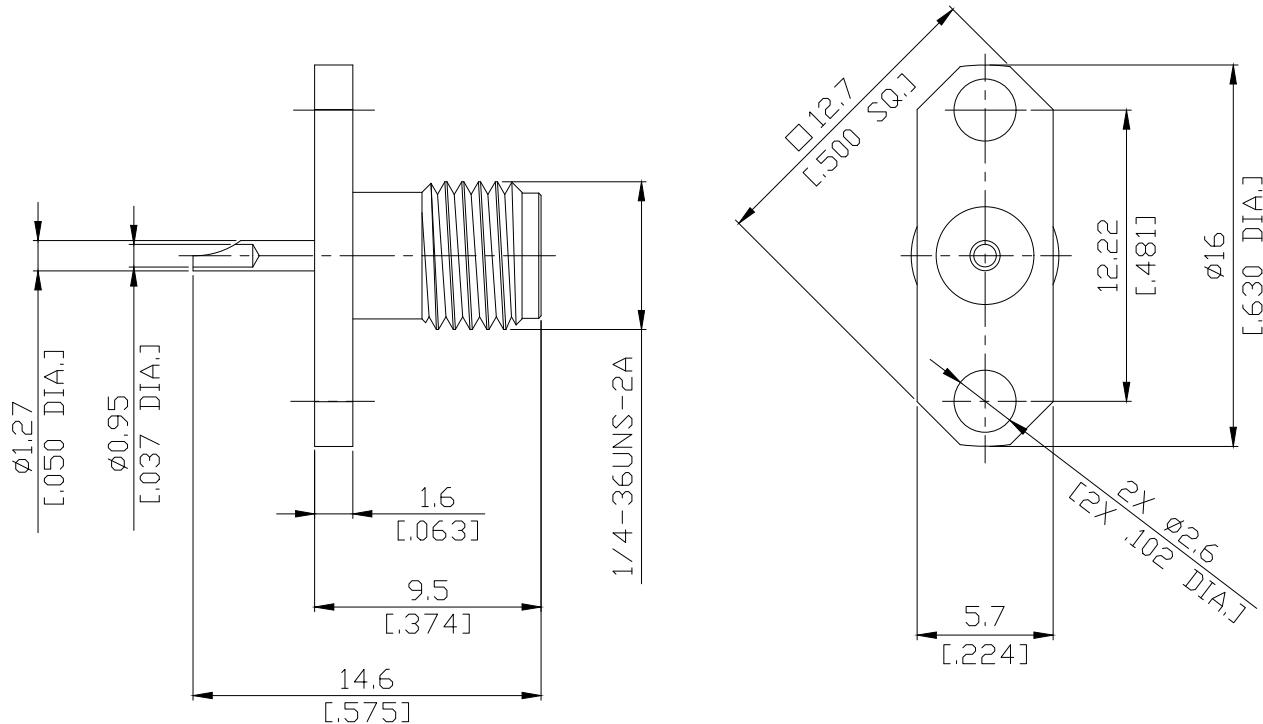


Precision SMA Jack (Female) Connector Solder Attachment 2 Hole Flange Mount
Solder Cup Terminal, 12.22mm (.481 inch) Hole Spacing DC-26.5GHz VSWR1.30

PCA2GTB50-1460A / 9Q_Phoenix



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-15; MIL-STD-348B/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 26.5 GHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.7 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 3 mΩ

Outer Contact Resistance

≤ 2 mΩ

Test Voltage

1000 V rms

Working Voltage (at sea level)

480 V rms

Power Handling (at 20 °C, sea level, VSWR 1.0)

≤ 200 W @ 2 GHz

Material And Plating

Piece Parts

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 30 μinch

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

Body

Stainless steel

Gold plating, 30 μinch

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

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.

Rev.:-

Date:

JUL/16/2021

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

Coupling mechanisms	Screw-lock
Matting Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Solder Cup
Captivated Type	Mechanical
Center Contact Captivation: axial	$\geq 27 \text{ N}$
	radial
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.8 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond.D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100