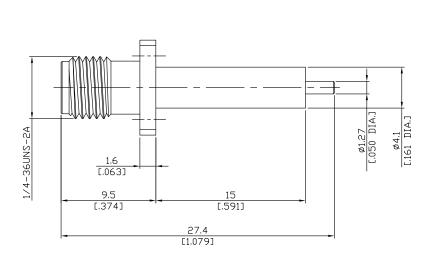
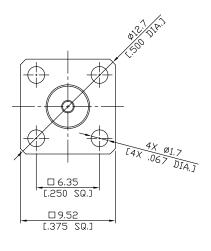


## Technical Data Sheet

SMA jack (female) Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, 6.35mm (.250 inch) Hole Spacing DC-18GHz VSWR1.30

# SMA2GFA50-2740B / 9X





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
Frequency
VSWR (Return Loss)
Insertion Loss
Insulation Resistance
Center Contact Resistance
Outer Contact Resistance
Test Voltage

Working Voltage (at sea level)

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

50 Ω

DC to 18 GHz ≤ 1.30 (≥ 17.7 dB)

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

≥ 5 GΩ

 $\leq 3~\text{m}\Omega$ 

≤ 2 mΩ

1000 V rms

480 V rms

≤ 200 W @ 2 GHz

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch
Cerille Corlidor		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
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.

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JUL/16/2021	N-CAGE Code: SEKKO / ISO9001 Certified	

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## Technical Data Sheet

SMA jack (female) Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, 6.35mm (.250 inch) Hole Spacing DC-18GHz VSWR1.30

# SMA2GFA50-2740B / 9X

## Mechanical Data

Coupling mechanisms Mating Cycles Centre Contact Terminal Type Captivated Type

Center Contact Captivation: axial

radial

Coupling Test Torque Recommended Torque

### Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture Resistance
RoHS

Packing

Screw-lock ≥ 500 Soldered Stub Mechanical ≥ 27 N ≥ 3 Ncm max. 1.7 Nm

-65°C to +165°C

0.8 Nm to 1.1 Nm

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Meth. 101, Cond. B MIL-STD-202, Meth. 204, Cond.D MIL-STD-202, Meth. 213, Cond. I MIL-STD-202, Meth. 106 compliant

Single or 100