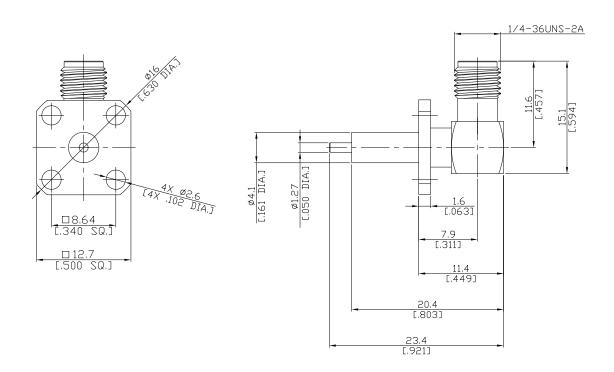


## Technical Data Sheet

SMA Jack (Female)Right Angle Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, 8.64mm (.340 inch) Hole Spacing DC-18GHz VSWR1.30

# SMA2GFA59-2340A / 9X



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 Center Contact Resistance Outer Contact Resistance

Test Voltage

Working Voltage (at sea level)

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

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

50 Ω

DC to 18 GHz

≤ 1.30 (≥ 17.7 dB)

≤ 0.05 x √F (GHz) dB

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

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

 $\leq 2 \text{ m}\Omega$ 1000 V rms

480 V rms

≤ 200 W @ 2 GHz

## Material And Plating

<b>3</b>		
Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch
Cernie condci	вегушит Соррег	(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	KOV.	Rosnol RF/Microwave Technology Co., Ltd.
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 $% \left( \frac{1}{2}\right) =\frac{1}{2}\left( \frac{1}{2}\right) $	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952
judged to be necessary.	JUL/16/2021	N-CAGE Code: SFKKO / ISO9001 Certified



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#### Mechanical Data

Coupling mechanisms Screw-lock Mating Cycles ≥ 500 Soldered Centre Contact Terminal Type Stub Captivated Type Mechanical ≥ 27 N Center Contact Captivation: axial ≥3 Ncm

max. 1.7 Nm Coupling Test Torque Recommended Torque 0.8 Nm to 1.1 Nm

#### Environmental Data

-65°C to +165°C Temperature Range 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