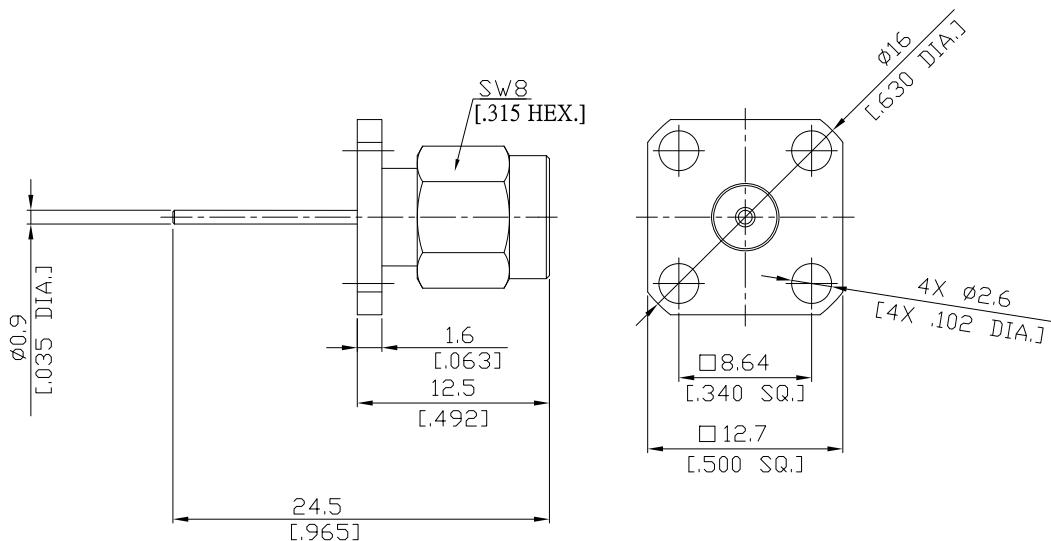


**SMA Straight Panel Receptacle Plug  
(Coaxial End)**
**SMA1GFA50-2450A/111**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to MIL-C-39012;MIL-STD-348A/310

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB

**Mechanical Data**

Coupling mechanisms	Screw-lock
Weight	0.0042 kg

**Environmental Data**

Temperature range	-65°C to +165°C
RoHS	compliant

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD71