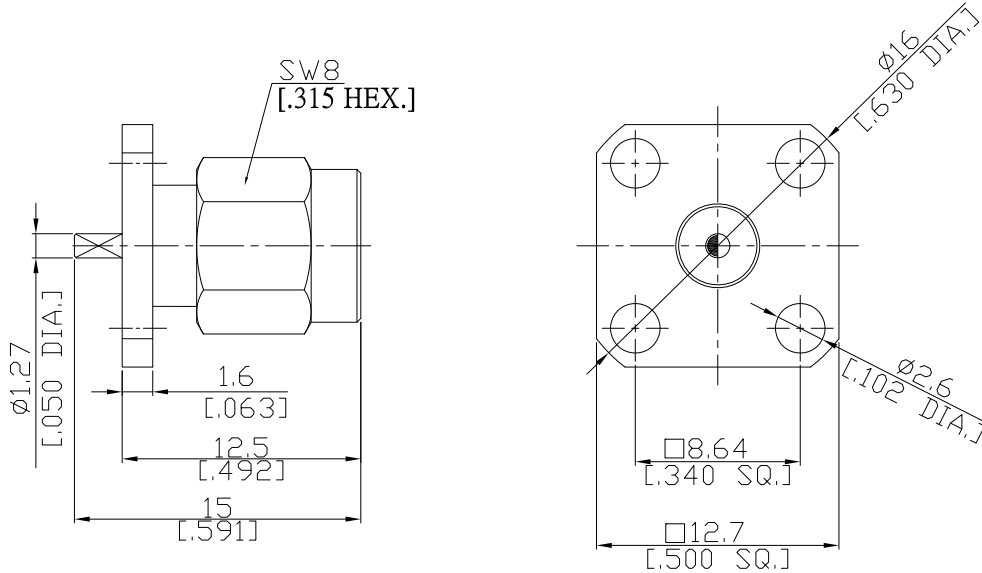


**SMA Straight Panel Receptacle Plug  
(Semicircular End)**
**SMA1GFC50-1500A/1XX**


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 × √F [GHz] dB

**Mechanical Data**

Coupling mechanisms Screw-lock  
Weight 0.0041 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	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD71