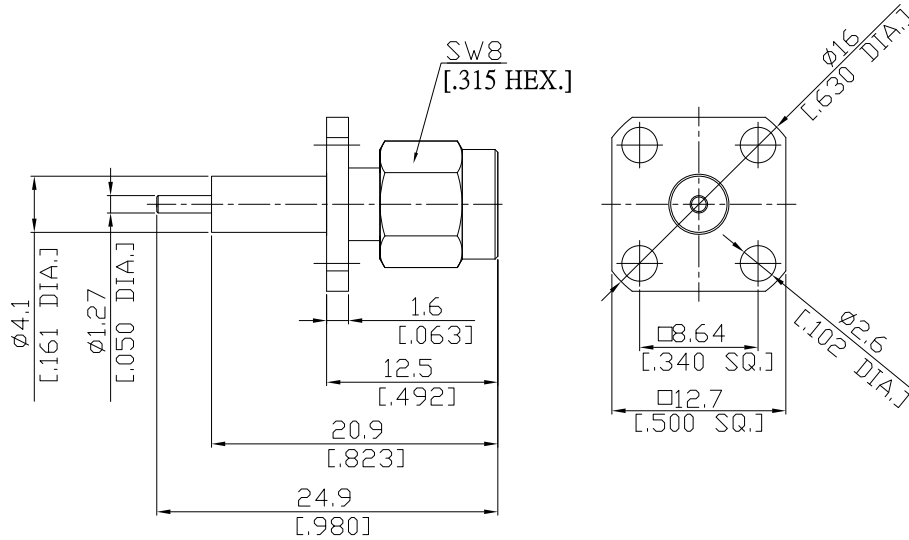


## SMA Straight Panel Receptacle Plug (Coaxial End)

## SMA1GFA50-2490A/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  $\Omega$   
 Frequency: DC to 18 GHz  
 VSWR (Return Loss):  $\leq 1.25$  ( $\geq 19.08$  dB)  
 Insertion Loss:  $\leq 0.05 \times \sqrt{F}$  (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	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

### Packing

Single or 100

### Related Document

Mounting Dimension MD71