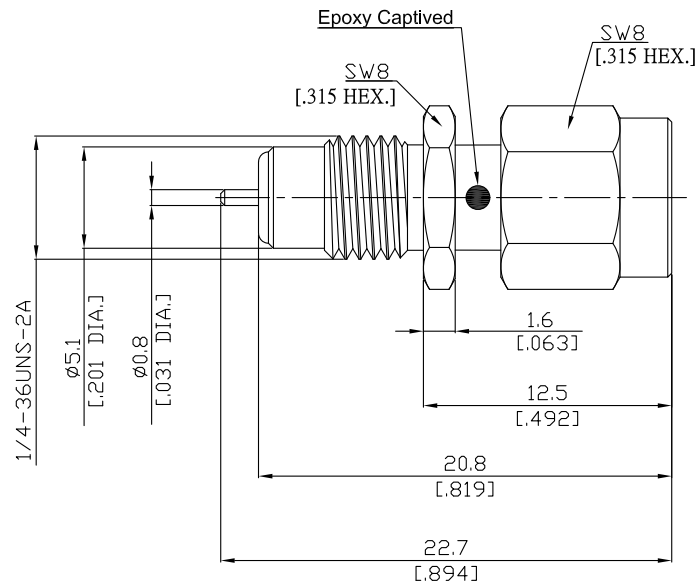


SMA Straight Bulkhead Receptacle Plug  
Coaxial End

SMA1FA50-2270A-EC/111



All dimensions are in mm [inch]  
Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-15; 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 0.0039 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 MD56