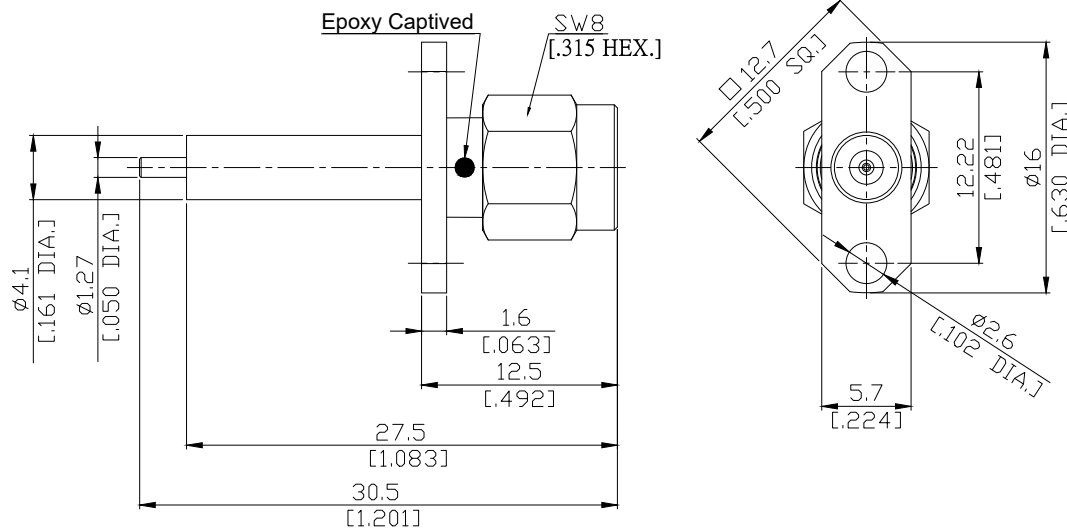


**SMA Straight Panel Receptacle Plug  
(Coaxial End)**
**SMA1GTA50-3050A-EC/111**


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  $\Omega$   
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  $-65^{\circ}\text{C}$  to  $+165^{\circ}\text{C}$   
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 MD75