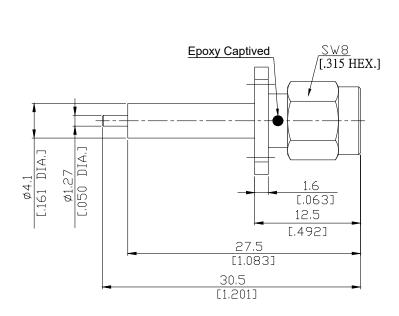
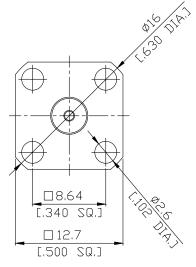


## Technical Data Sheet

# SMA Straight Panel Receptacle Plug (Coaxial End)

# SMA1GFA50-3050A-EC/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 Frequency

VSWR (Return Loss)
Insertion Loss

50 Ω DC to 18 GHz

 $\leq 1.25 \ (\geq 19.08 \ dB)$  $\leq 0.05 \ x \sqrt{F (GHz)} \ dB$ 

#### Mechanical Data

Coupling mechanisms

Weight

**RoHS** 

Screw-lock 0.0047 kg

### Environmental Data

Temperature range

-65°C to +165°C 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

The facts and figures herein are carefully compiled to the best of our		
knowledge, but they are intended for general informational purposes only		
In the effort to improve our products, we reserve the right to make changes		
judged to be necessary.		

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