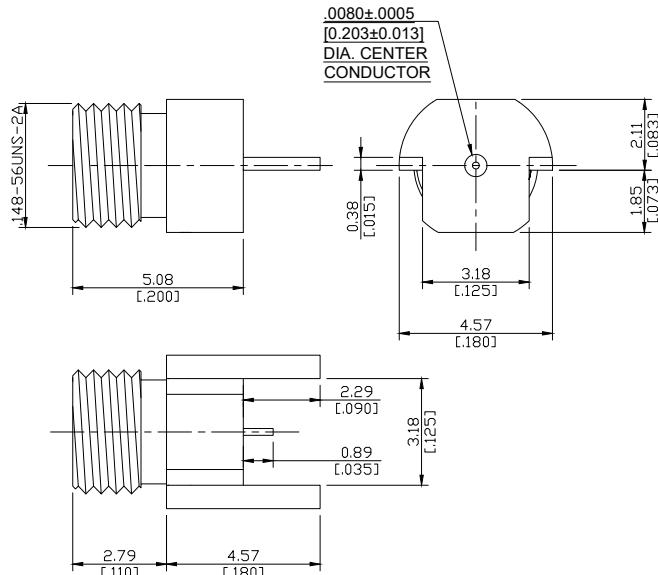


**SMPM Plug (male) PCB Edge Mount Straight Connector  
Solder Attachment (Full Detent) DC-50GHz VSWR≤1.30**
**SMPM1JF50-0508A / 9Q**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to MIL-STD-348A/328

**Electrical Data**

Impedance 50 Ω  
 Frequency DC to 50 GHz  
 VSWR (Return loss) DC-26.5 GHz: ≤ 1.10 ( $\geq 26.44$  dB) typical      26.5-50 GHz: ≤ 1.30 ( $\geq 17.44$  dB) typical  
 Insertion loss  $\leq 0.04 \times \sqrt{f}$  (GHz) dB

**Mechanical Data**

Snap-on  
 Edge Mount  
 N/A

**Environmental Data**

-65°C to +165°C  
 compliant

**Material And Plating**

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Insulator	PTFE	

**Packing**

Single or 100

**Related Document**

Mounting Dimension N/A

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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