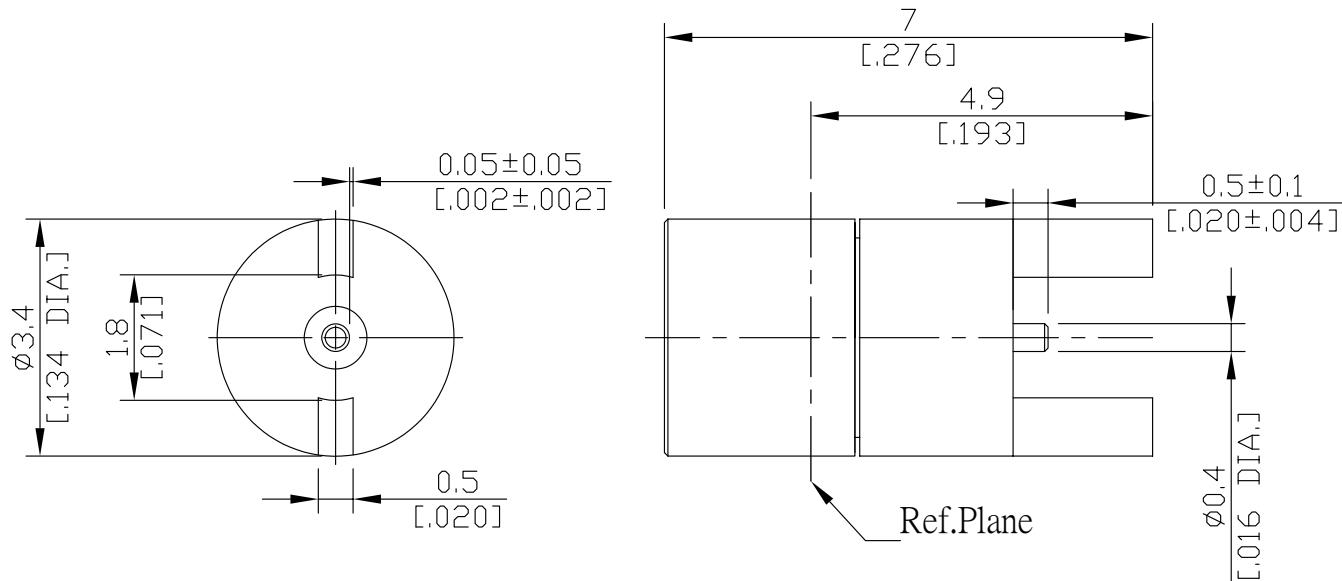


SMPM Plug (male) PCB Edge Mount Straight Connector  
 Solder Attachment (Full Detent) DC-65GHz VSWR≤1.33

## SMPM1JF50-0700B / 91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to MIL-STD-348A/328-2

**Electrical Data**

Impedance 50 Ω

Frequency DC to 65 GHz

VSWR (Return loss) DC-50GHz: ≤ 1.25 (≥ 19 dB) 50-65 GHz: ≤ 1.33 (≥ 17 dB)

 Insertion loss ≤ 0.1 ×  $\sqrt{F}$  [GHz] dB

*- Connector only, Performance in application depends on PCB layout -*
**Mechanical Data**

Coupling mechanisms Snap-on

Board mounting type Edge Mount

Weight N/A

**Environmental Data**

-55°C to +155°C

compliant

**Material And Plating**

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PEEK	

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD155

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.

 Rev.:-  
 Date:  
 JUL/16/2021

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N-CAGE Code: SFKK0 / ISO9001 Certified

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