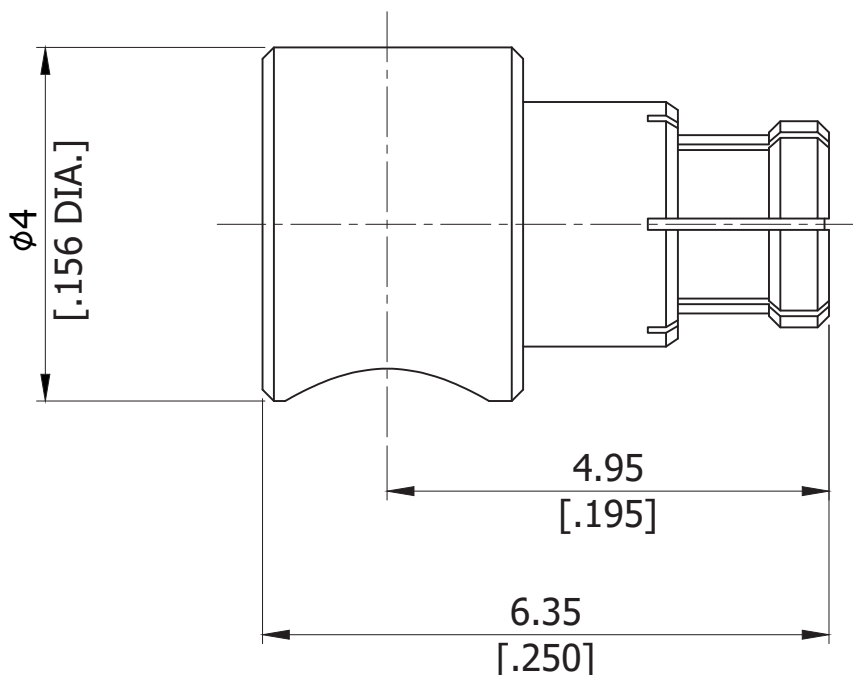


SMPM Jack (Female) Snap-On Rightangle Connector Solder Attachment  
for .085, .086, RG405, DC-26.5 GHz VSWR 1.25, 26.5-40 GHz VSWR 1.40

## SMPM2E59-0085B / 99



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 40 GHz
VSWR (Return Loss)	≤ 1.25 (≥ 19.08 dB) DC to 26.5 GHz ≤ 1.40 (≥ 15.56 dB) 26.5 to 40 GHz
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 6.0 mΩ
Outer Contact Resistance	≤ 2.0 mΩ
Test Voltage (at sea level)	325 V rms
Working Voltage (at sea level)	50 V rms

- Limitations are possible due to the used cable type -

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Insulator	PTFE	

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:  
12/7/2020

Rosnol RF/Microwave Technology Co., Ltd.  
[www.rosnol.com](http://www.rosnol.com); [info@rosnol.com](mailto:info@rosnol.com)  
Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
N-CAGE Code: SFKK0 / ISO9001 Certified

Page  
1/2

**SMPM Jack (Female) Snap-On Rightangle Connector Solder Attachment**  
for .085, .086, RG405, DC-26.5 GHz VSWR 1.25, 26.5-40 GHz VSWR 1.40

## SMPM2E59-0085B / 99

### Mechanical Data

Coupling mechanisms	Snap-on	
Mating Cycles	Mating with Smooth Bore	≥ 1000
	Mating with Limited Detent	≥ 500
	Mating with Full Detent	≥ 100
Center contact captivation	≥ 7 N	
Engagement Force	Smooth Bore	19 N max.
	Full Detent	11 N max.
Disengagement force	Smooth Bore	29 N min.
	Full Detent	7 N min.

### Environmental Data

Temperature Range	-65°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. A
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

### Suitable Cables

.085, .086, RG405

### Packing

Single or 100