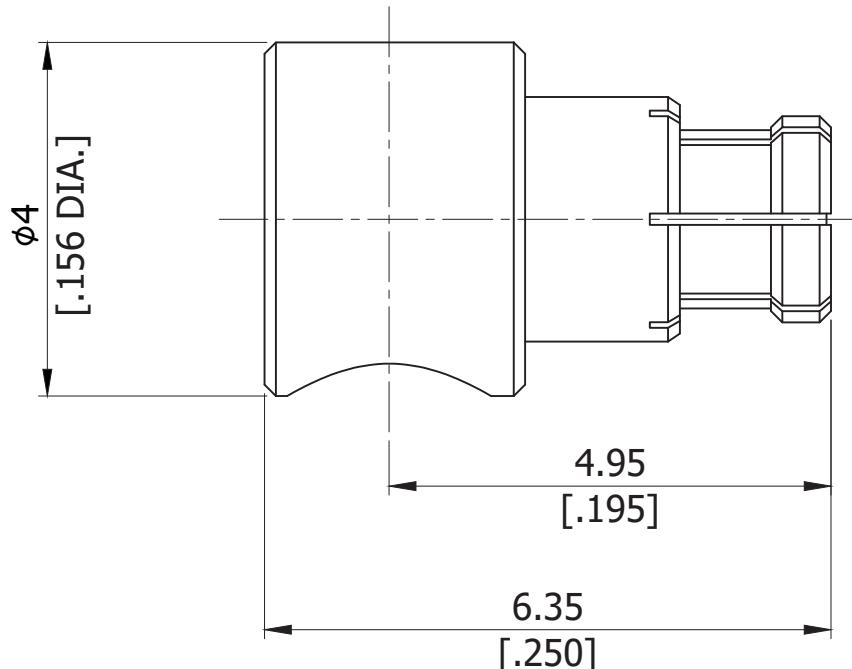


SMPM Jack (Female) Snap-On Rightangle Connector Solder Attachment
for .085, .086, RG405, DC-26.5 GHz VSWR 1.25, 26.5-40 GHz VSWR 1.40

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 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Beryllium Copper | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| 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

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N-CAGE Code: SFKK0 / ISO9001 Certified

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**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