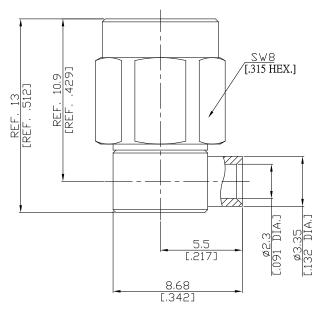


Technical Data Sheet

SMA Plug (Male) Right Angle Connector Solder for RSR-085, RSF-085, EF405, RG405

SMA1E59-0085B/91X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768- mH

Interface

According to

IEC 60169-15, MIL-STD-348A/310

Electrical Data

Impedance Frequency

 $50\,\Omega$ DC to $18~\mathrm{GHz}$

VSWR $\leq 1.07 + 0.01 \text{ x f [GHz]}$ Insertion Loss $\leq 0.04 \text{ x } \sqrt{\text{F (GHz)}} \text{ dB}$

- Limitations are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms
Centre contact
Cable entry

Screw-lock Soldered Soldered

Environmental Data

Temperature range RoHS -65°C to +165°C compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

Suitable Cables

RSR-085, RSF-085, RSF-085-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A

Packing

Single or 100

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	Date:
judged to be necessary.	lan/4/

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