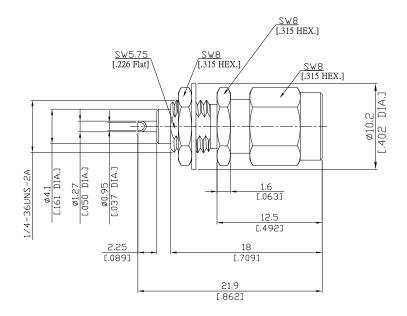


Technical Data Sheet

SMA Straight Bulkhead Receptacle Plug Solder End

SMA1FB50-2190A/111



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

50 Ω

DC to 18 GHz

≤ 1.25 (≥ 19.1 dB)

 $\leq 0.05 \times \sqrt{F (GHz)} dB$

Mechanical Data

Coupling mechanisms

Weight

Screw-lock 0.0055 kg

Environmental Data

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

compliant

Material And Plating

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Gasket Coupling nut	Silicone Rubber Brass	Gold plating(Nickel underplated)
		Gold plating(Nickel underplated) Gold plating(Nickel underplated)

Packing

Single or 100

Related Document

Mounting Dimension

MD19

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only	Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10	Phone:+886-3-463-5095 Fax:+886-3-463-5952