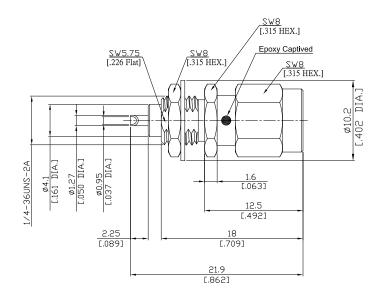


# Technical Data Sheet

# SMA Straight Bulkhead Receptacle Plug Solder End

# SMA1FB50-2190A-EC/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

 $\leq 1.25 \ (\geq 19.08 \ dB)$ 

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

#### Mechanical Data

Coupling mechanisms

Weight

Screw-lock 0.0055 kg

### Environmental Data

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

compliant

#### Material And Plating

<u> </u>		
Piece Parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
Fastening nut	Brass	Gold plating(Nickel underplated)
Washer	Brass	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.	I k
In the effort to improve our products, we reserve the right to make changes	Date:
judged to be necessary.	19/1

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