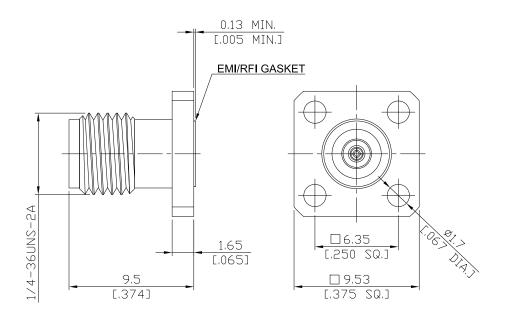


# Technical Data Sheet

SMA Jack (Female) Field Replaceable Connector 4 Hole Flange Mount 0.46mm (.018 inch) Pin, 9.53mm (.375 inch) Flange Size, With EMI/RFI Gasket

# SMA2BF50-0018B-EMI/9X



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

VSWR (Return Loss)
Insertion Loss

Insertion Loss
EMI/RFI Leakage

50 Ω

DC to 18 GHz  $\leq$  1.15 ( $\geq$  23.15 dB)  $\leq$  0.04 x  $\sqrt{F}$  (GHz) dB

-52 dB

#### Mechanical Data

Coupling mechanisms
Weight

Accept Pin

Screw-lock N/A

0.46 mm (.018 inch)

## Environmental Data

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

#### Material And Plating

<u> </u>		
Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
End Gasket	EMI Shielding	

#### 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.	Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.		Phone:+886-3-463-5095 Fax:+886-3-463-5952	1/1