

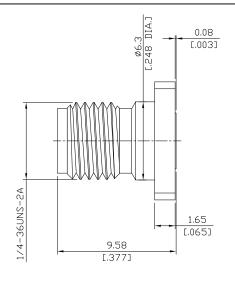
## Technical Data Sheet

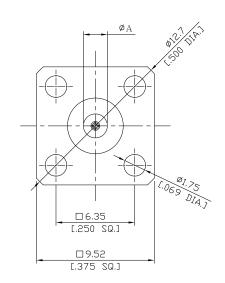
# SMA Straight Field Replaceable Jack

# SMA2BF50-0015B/9X

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P/N	Accept Pin	Max. Pin Depth	ØA
1719	mm [inch]	mm [inch]	mm [inch]
SMA2BF50-0036B/9X	0.91 [.036]	2.54 [.100]	3.91 [.154]
SMA2BF50-0020B/9X	0.51 [.020]	2.54 [.100]	2.67 [.105]
SMA2BF50-0018B/9X	0.46 [.018]	2.54 [.100]	2.59 [.102]
SMA2BF50-0015B/9X	0.38 [.015]	2.54 [.100]	1.96 [.077]
SMA2BF50-0012B/9X	0.30 [.012]	1.90 [.075]	1.96 [.077]
SMA2BF50-0009B/9X	0.23 [.009]	1.65 [.065]	1.52 [.060]

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; CECC 22110

#### Electrical Data

Impedance

50 Ω

Frequency
VSWR (Return Loss

DC to 18 GHz

VSWR (Return Loss) Insertion Loss  $\leq 1.14 (\geq 23.69 dB)$ 

≤ 0.05 x √ F (GHz) dB

#### Mechanical Data

Coupling mechanisms

Screw-lock

Weight

RoHS

N/A

#### Environmental Data

Temperature range

-65°C to +165°C

compliant

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

### 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
In the effort to improve our products, we reserve the right to make changes	l	Phone: +886-3-463-5095 / Fax:+886-3-463-5952
judged to be necessary.	19/11/10	NLCAGE Code: SEKKO