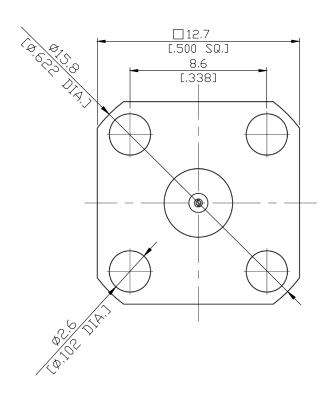
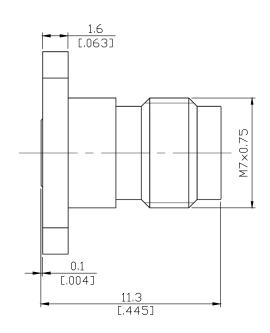


Technical Data Sheet

1.85mm Jack (female) Connector 4 Straight Field Replaceable 8.6mm (.338 inch) Hole Spacing, DC-67GHz VSWR 1.25

V2BF50-0012A / 9X





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

Mechanically compatible with

IEC 61169-32 2.40mm

Electrical Data

Impedance

Frequency

VSWR (Return loss)

Insertion Loss

Insulation Resistance

Test Voltage

Working voltage Power handling

50 Ω

DC to 67 GHz $\,$

 \leq 1.25 (\geq 19.08 dB) up to 67 GHz

 \leq 0.05 x \sqrt{F} (GHz) dB

 $\geq 5~\mathrm{G}\Omega$

500V rms

150 V rms

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PS	

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
judged to be necessary.

Rev.:-		Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com
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Page

1/2



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1.85mm Jack (female) Connector 4 Straight Field Replaceable 8.6mm (.338 inch) Hole Spacing, DC-67GHz VSWR 1.25

V2BF50-0012A / 9X

Mechanical Data

Coupling mechanisms Screw-lock Mating Cycles ≥ 500 Captivated Type Mechanical Center Contact Captivation: axial ≥ 20 N Coupling Test Torque 1.65 Nm

0.80 Nm to 1.10 Nm Recommended Torque

Environmental Data

-55°C to +165°C Temperature Range Thermal shock IEC 61169-1, Subclause 9.4.4 Corrosion IEC 61169-1, Subclause 9.4.6 Vibration IEC 61169-1, Subclause 9.3.3 Shock IEC 61169-1, Subclause 9.3.14 IEC 61169-1, Subclause 9.4.3 Moisture Resistance RoHS compliant

Packing

Single or 100