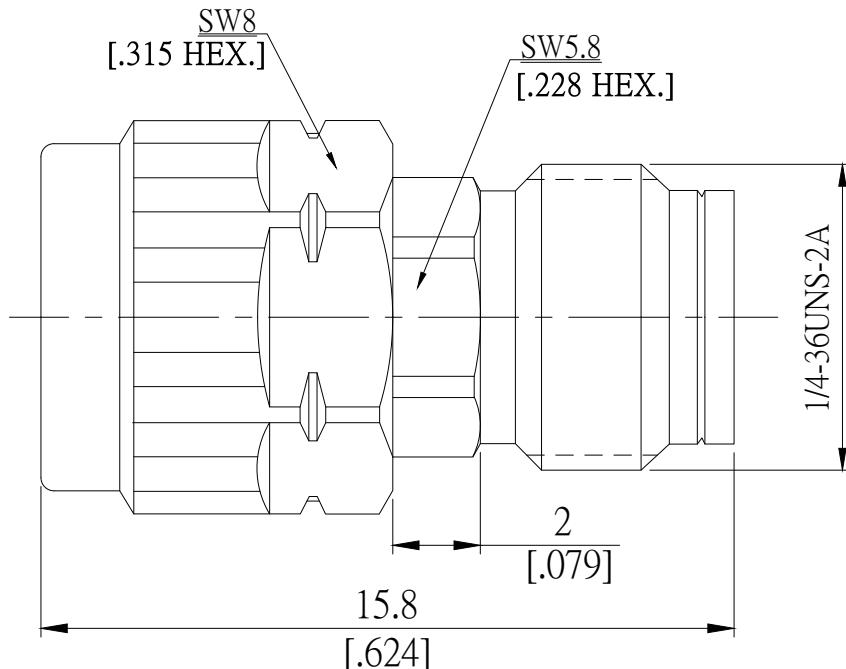


Inner DC Block Conductor 1.85mm Plug (male) to 1.85mm Jack (Female)  
Operating From 5 MHz to 67 GHz, 60 Volts, VSWR 1.3

## DB-V1V25A-67G60V / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

according to

IEC 60169-32

### Electrical Data

Impedance	50 Ω
Frequency	DC to 67 GHz
VSWR (Return Loss)	≤ 1.3 (≥ 17.7 dB)
Insertion Loss	≤ 0.7 dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Working Voltage	60 V
DC Block type	Inner

### Material And Plating

Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless steel	Passivate
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless steel	Passivate
Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless steel	Passivate
Insulator	PTFE	

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.:-  
Date:  
JUL/16/2021

Rosnol RF/Microwave Technology Co., Ltd.  
www.rosnol.com; info@rosnol.com  
Phone: +886-3-463-5095 / Fax: +886-3-463-5952  
N-CAGE Code: SFKK0 / ISO9001 Certified

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## Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 20 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

## Environmental Data

Temperature Range	-65 °C to +155 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

## Packing

Single or 100