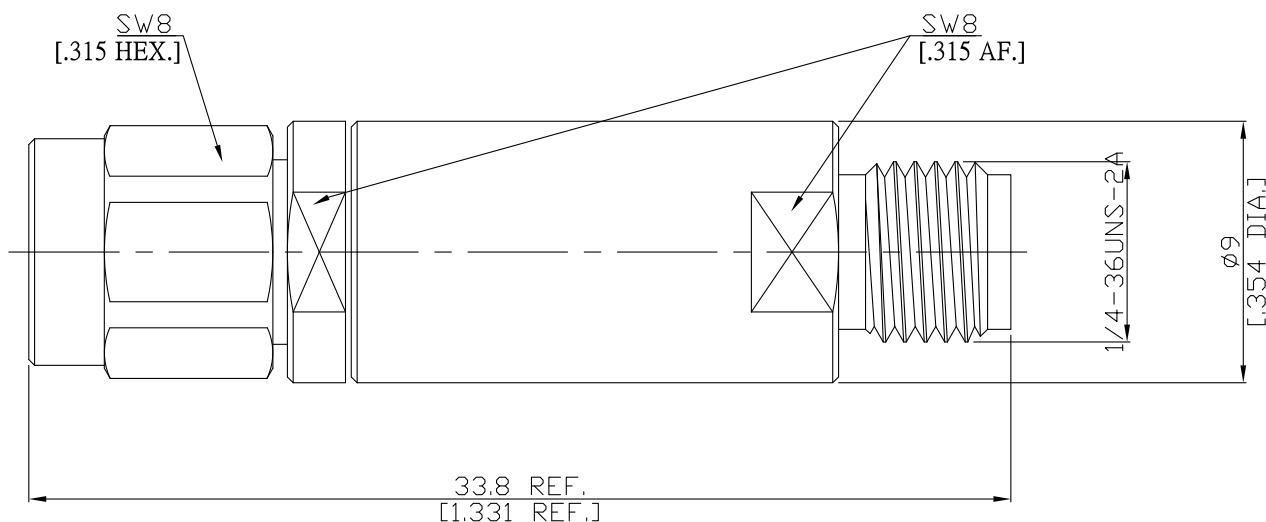


3.5mm Plug (Male) to 3.5mm Jack (Female) inner DC Block
5MHz to 18GHz VSWR1.25, DC Rated 50 Volt

DB-PC1PC25A-18G50V / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-23

IEEE Std 287-2007

Electrical Data

Impedance

50 Ω

Frequency

5 MHz to 18 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.6 dB Max.

Voltage rating (Volts)

DC 50 V Max.

DC Block Type

Inner

Material And Plating

Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (3.5mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PEI	

3.5mm Plug (Male) to 3.5mm Jack (Female) inner DC Block
5MHz to 18GHz VSWR1.25, DC Rated 50 Volt

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Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 270 N
Center contact captivation: axial	≥ 27 N
Coupling Test Torque	≤ 1.7 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-40°C to +85°C
RoHS	compliant

Weight

Packing

Single or 100