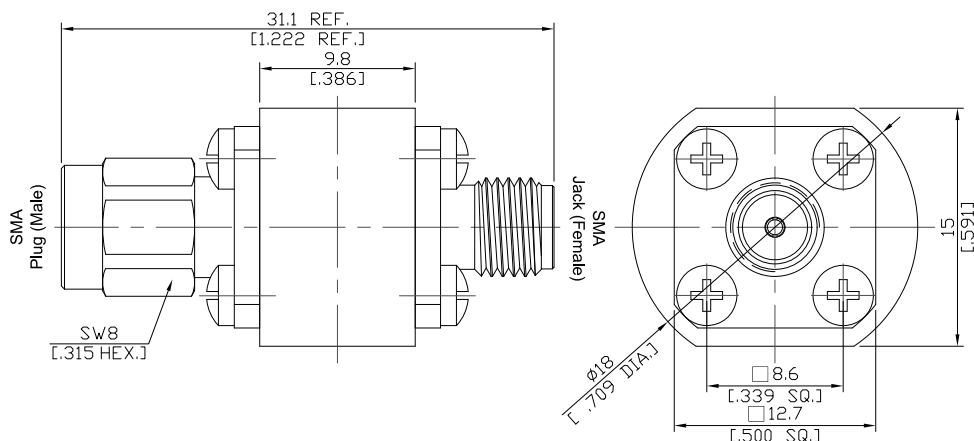


DC Block on Inner and Outer Conductor SMA Plug (Male) to SMA Jack (Female)
Operating From 0.01 to 18 GHz

DBIO-A1A25A-18G200V / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance

50 Ω

Frequency

0.01 to 18 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.54 dB)

Insertion Loss

≤ 0.8 dB

Insulation Resistance

≥ 5 GΩ

Voltage Rating

200 Volts

DC Block type

Inner/Outer

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating
Body	Stainless Steel	Passivated
Insulator	PTFE	

Mechanical Data

Coupling mechanisms

Screw-On

Mating cycles

≥ 500

Coupling test torque

max. 1.7 Nm

Recommended torque

0.57 Nm

Environmental Data

Temperature Range

-55°C to +100°C

RoHS

Compliant

Packing

Single or 100