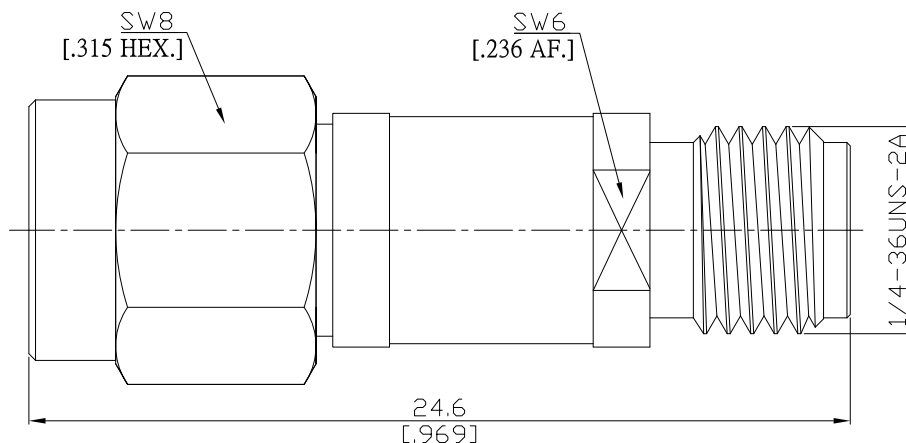




Inner DC Block plug/jack  
SMA plug (male) / SMA jack (female)

DB-A1A25A-12.4G100V/911-91



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

#### Electrical Data

Impedance 50  $\Omega$   
Frequency DC to 12.4 GHz  
VSWR (Return loss)  $\leq 1.25$  ( $\geq 19.1$  dB)  
Insertion Loss  $\leq 0.5$  dB  
Voltage rating (Volts) DC 100V  
DC block type Inner

#### Mechanical Data

Coupling mechanisms Screw-lock  
Weight 0.0045 kg

#### Environmental Data

Temperature range -55°C to +90°C  
RoHS compliant

#### Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

#### Packing

Single or 100