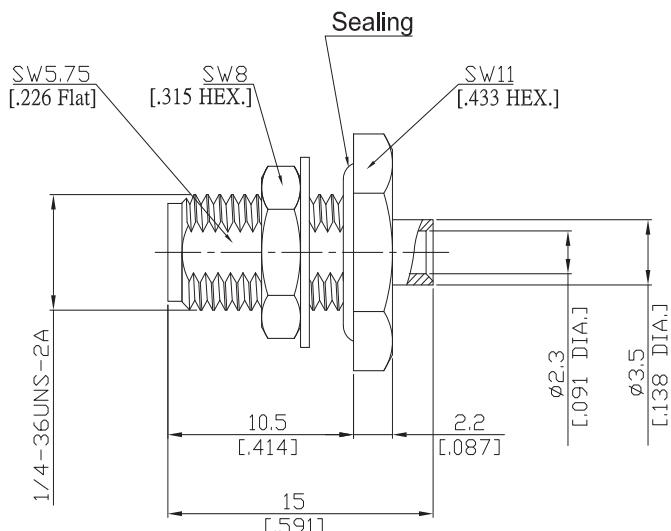




SMA Straight Bulkhead Cable Jack

SMA2EA50-0085A/9Q



All dimensions are in mm [inch]

**Interface**

According to MIL-C-39012; MIL-STD-348A/310

**Electrical Data**

Impedance 50 Ω  
Frequency DC to 18 GHz  
VSWR (Return Loss) ≤ 1.25 ( $\geq 19$  dB)  
Insertion Loss  $\leq 0.04 \times \sqrt{F} \text{ (GHz)}$  dB

- Limitations are possible due to the used cable type -

**Mechanical Data**

Coupling mechanisms Screw-lock  
Centre contact Soldered  
Cable entry Soldered

**Environmental Data**

Temperature range -65°C to +165°C  
RoHS compliant

**Material And Plating**

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Brass	Gold plating(Nickel underplated)
Washer	Brass	Gold plating(Nickel underplated)

**Suitable Cables**

RSR-085, RSF-085, RSF-0485-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD19