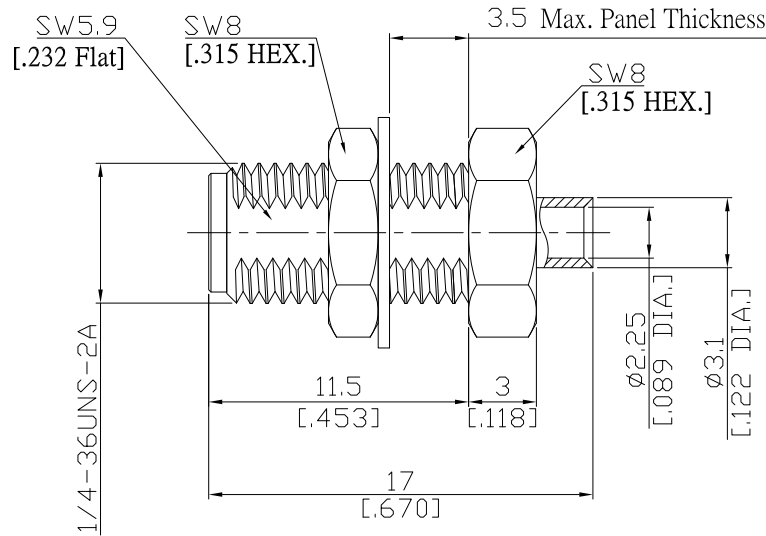


SMA Straight Bulkhead Cable Jack

SMA2EA50-0085-5.9D/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 Ω
Frequency DC to 18 GHz
VSWR (Return Loss) ≤ 1.25 (≥ 19.1 dB)
Insertion Loss ≤ 0.04 × √F [GHz] dB

- Limitations are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms Screw-lock
Centre contact Soldered or Crimp
Cable entry Soldered

Environmental Data

Temperature range -65°C to +165°C
RoHS compliant
Recommended torque for panel mounting 2.5 Nm

Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
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