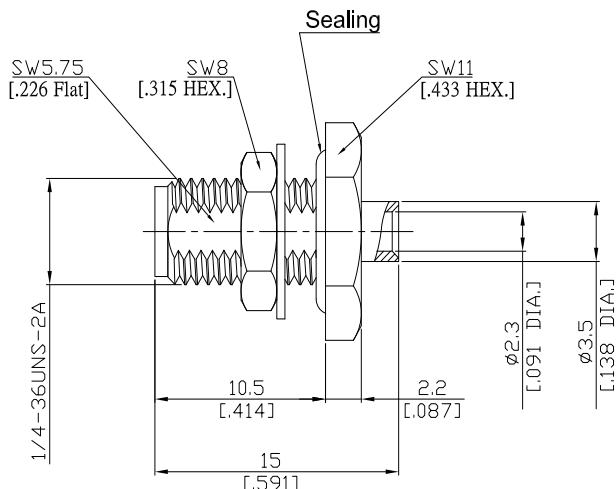


## SMA Straight Bulkhead Cable Jack

## SMA2EA50-0085A/9X



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 ( $\geq 19$  dB)

Insertion Loss

 $\leq 0.04 \times \sqrt{F} \text{ (GHz) dB}$ 
*- Limitations are possible due to the used cable type and manufacturing process -*
**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	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Stainless Steel	Passivated
Washer	Brass	Copper-Tin-Zinc Alloy

**Suitable Cables**

RSR-085, RSF-085, RSF-085-FEP, EF405, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A, 0.085 flexible cable types

**Packing**

Single or 100

**Related Document**

Mounting Dimension MD19

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:A

 Date:  
 2015/08/07

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