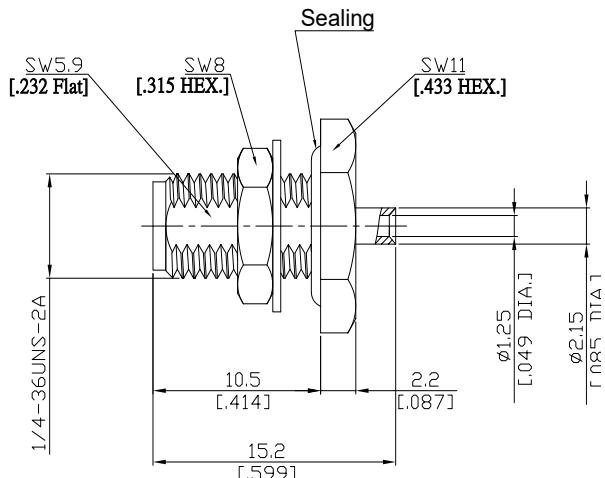


SMA Straight Bulkhead Cable Jack

SMA2EA50-0047A/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 (≥ 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-047, RSF-047, RSF-047-FEP, UT 47, BELDEN 1674, 0.047 flexible cable types

Packing

Single or 100

Related Document

Mounting Dimension

MD19