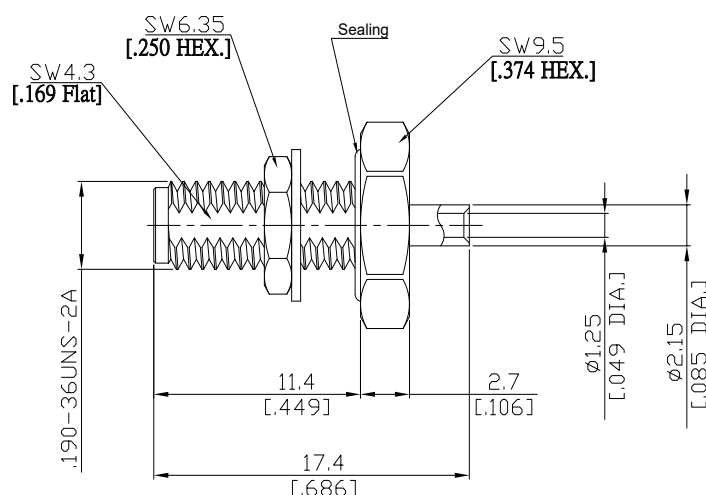


SSMA Straight Bulkhead Cable Jack

SSMA2EA50-0047A/9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-C-39012; MIL-STD-348A/319

Electrical Data

Impedance

 $50\ \Omega$

Frequency

DC to 18 GHz

VSWR (Return Loss)

 ≤ 1.23 (≥ 19.73 dB)

Insertion Loss

$$\leq 0.04 \times \sqrt{F \text{ (GHz)}} \text{ dB}$$

- 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

-55°C to +105°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

MD148