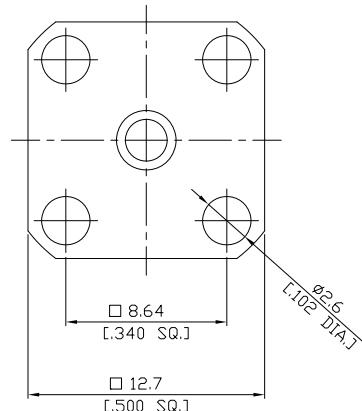
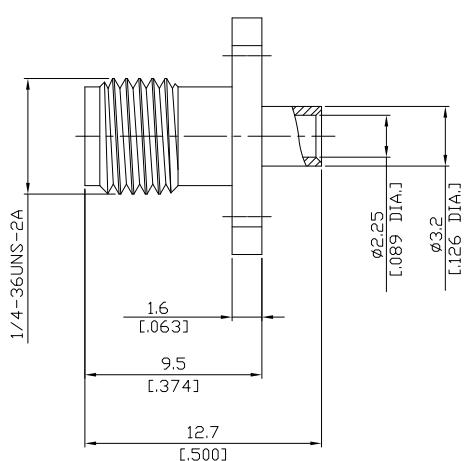


**SMA Straight Panel Cable Jack**
**SMA2EBF50-0085A/9Q**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**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

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

- 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

**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

MD10