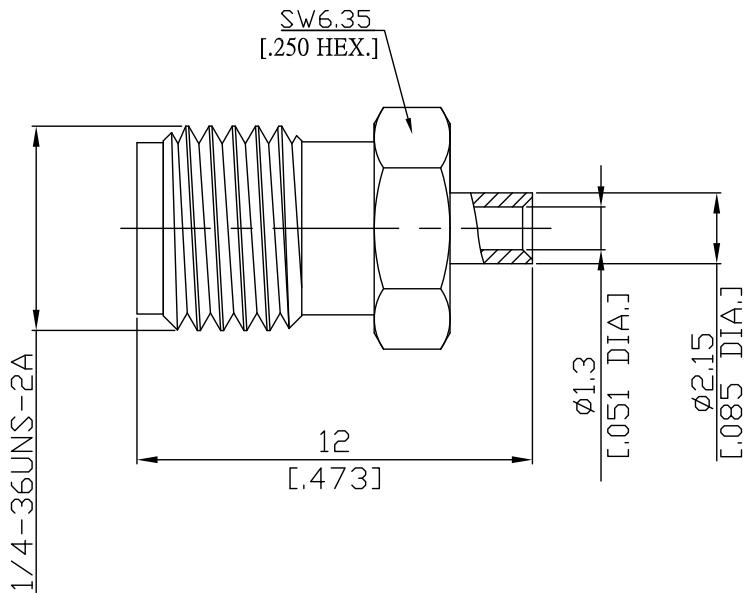




SMA Straight Cable Jack

SMA2E50-0047A/99



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) | ≤ 1.20 (≥ 20.83 dB) |
| Insertion Loss | $\leq 0.03 \times \sqrt{F}$ [GHz] dB |

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

Mechanical Data

| | |
|---------------------|---------------------|
| Coupling mechanisms | Screw-lock |
| Centre contact | Soldered or Crimped |
| 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 | Beryllium Copper | Gold plating(Nickel underplated) |
| Insulator | PTFE | |

Suitable Cables

RSR-047, RSF-047, RSF-047-FEP, RSF-047-PVC

Packing

Single or 100