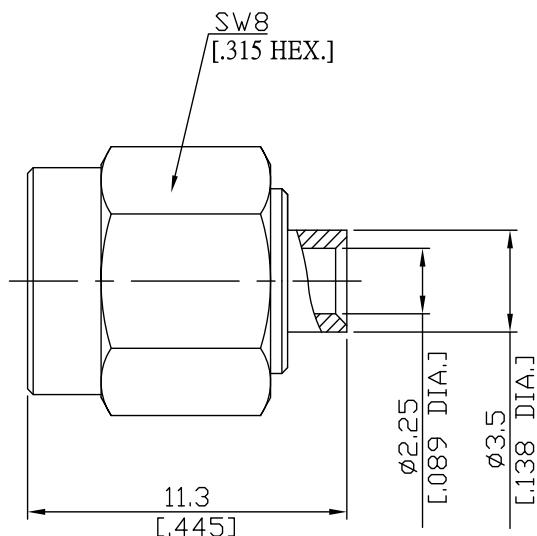


SMA Straight Cable Plug
SMA1E50-0085A/1QX


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) $\leq 1.2 (\geq 20.83 \text{ dB})$

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	Brass	Gold plating(Nickel underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

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