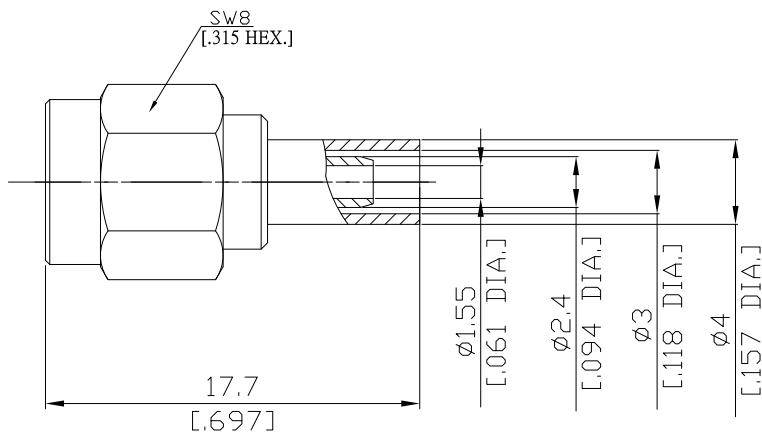




SMA Straight Cable Plug

SMA1C50-G316A/11X



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 6 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.03 x √F (GHz) dB

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

Mechanical Data

Coupling mechanisms	Screw-lock
Centre contact	Crimped or Slidered
Cable entry	Crimped

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

Suitable Cables

RG-174, RG-188A, RG-316, BELDEN 7805

Packing

Single or 100