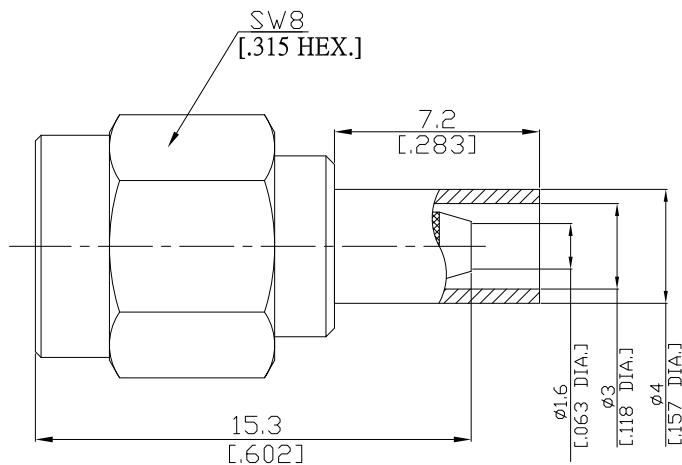


## SMA(Male) Straight Cable Plug

## SMA1C50-G316A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to IEC 60169-15; MIL-STD-348A/310

**Electrical Data**

 Impedance 50 Ω  
 Frequency DC to 6 GHz  
 VSWR (Return Loss) ≤ 1.20 (≥ 20.83 dB)

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

 Coupling mechanisms Screw-lock  
 Centre contact Crimped or Soldered  
 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	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

**Suitable Cables**

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

**Packing**

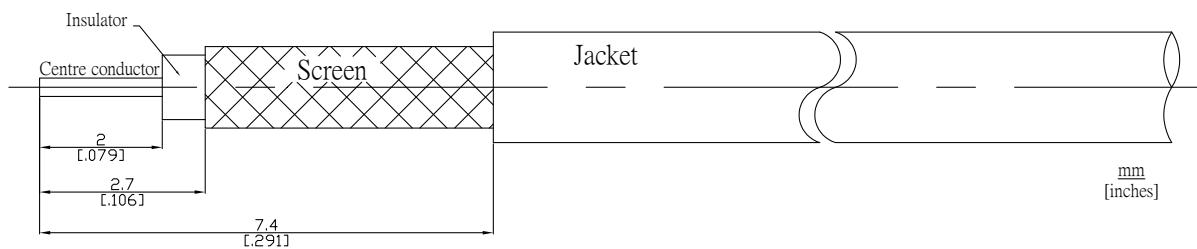
Single or 100



SMA(Male) Straight Cable Plug

SMA1C50-G316A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions

Crimp ferrule  
Center Contact

3.25 mm [.128 inch] HEX  
0.7 mm [.028 inch] SQ