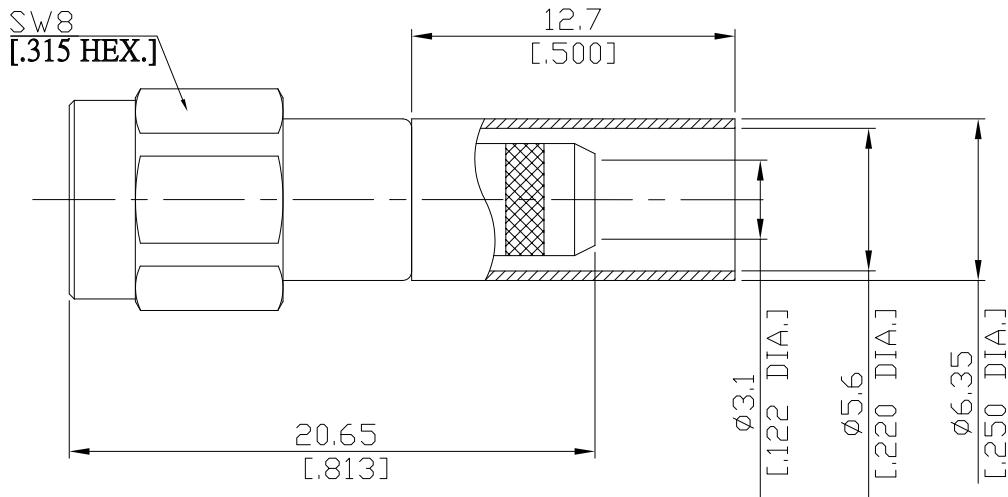




**SMA (Reverse Polarity Male)  
Straight Cable RP Plug**

**SMA5C50-G142B/944**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

Derived from

IEC 60169-15; MIL-STD-348B/310

**Electrical Data**

Impedance 50 Ω  
Frequency DC to 6 GHz

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

**Mechanical Data**

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

**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	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-55, RG-142, RG-223, RG-400

**Packing**

Single, 5-pack, or 100

SMA (Reverse Polarity Male)  
Straight Cable RP Plug

SMA5C50-G142B/944

**Crimp Dimensions [HEX]**

Crimp ferrule	5.41mm [.213 inch]
Centre contact	1.73mm [.068 inch]