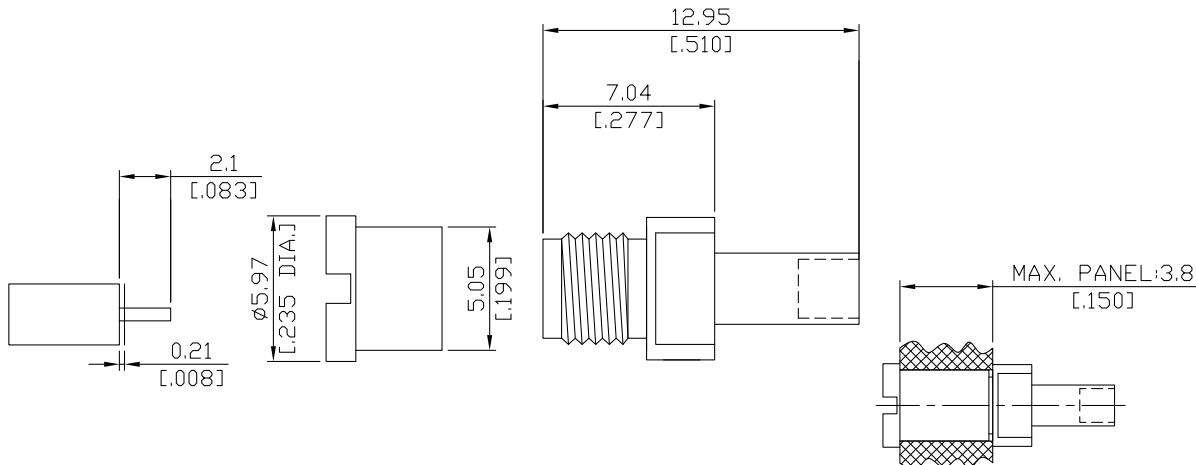


SMP Straight Cable Plug

SMP1E50-0085A/9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to MIL-STD-348A/326

Electrical Data

Impedance 50 Ω
 Frequency DC to 40 GHz
 VSWR (Return Loss) ≤ 1.35 (\geq 16.54dB)
 Insertion Loss $\leq 0.1 \times \sqrt{f}$ (GHz) dB

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms Snap-on
 Centre contact Soldered
 Cable entry Soldered

Environmental Data

Temperature range -65°C to +155°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	
Nut	Stainless Steel	Passivated

Suitable Cables

Semi-Rigid .085

Packing

Single or 100