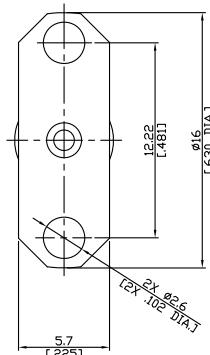
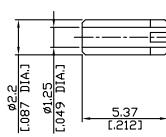
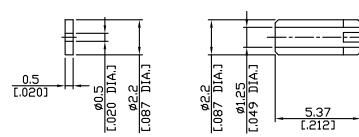
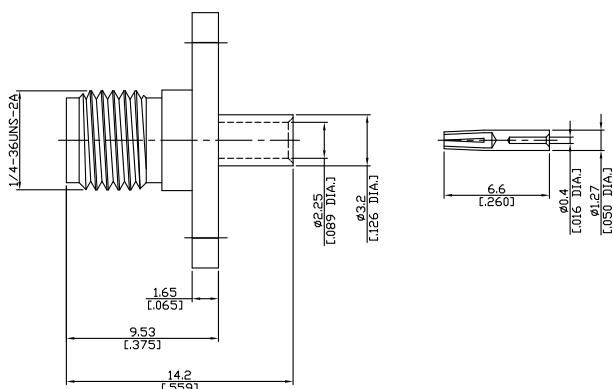
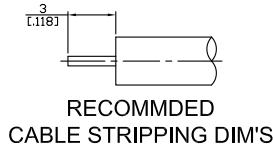


SMA Jack (Female) Connector Solder Attachment 2 Hole Flange Mount
12.22mm [.481"] Hole Spacing for .047 Cable

SMA2EBT50-0047B / 91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-15

MIL-STD-348B/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	

**SMA Jack (Female) Connector Solder Attachment 2 Hole Flange Mount
12.22mm [.481"] Hole Spacing for .047 Cable****SMA2EBT50-0047B / 91****Mechanical Data**

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 270 N
Center contact captivation: axial	≥ 20 N
Coupling Test Torque	≤ 1.7 Nm
Recommended Torque	0.9 Nm
Centre Contact	Soldered
Cable Entry	Crimped

Environmental Data

Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Suitable Cables

.047 Cable

Weight

N/A

Packing

Single or 100