

SMA Connector Receptacle, Female Socket 50 Ohms Through Hole Solder

**RoHS
Compliant**

Stock No.: L030CT4496

FEATURES

- SMA Female
- Through Hole Solder
- Gold-plated



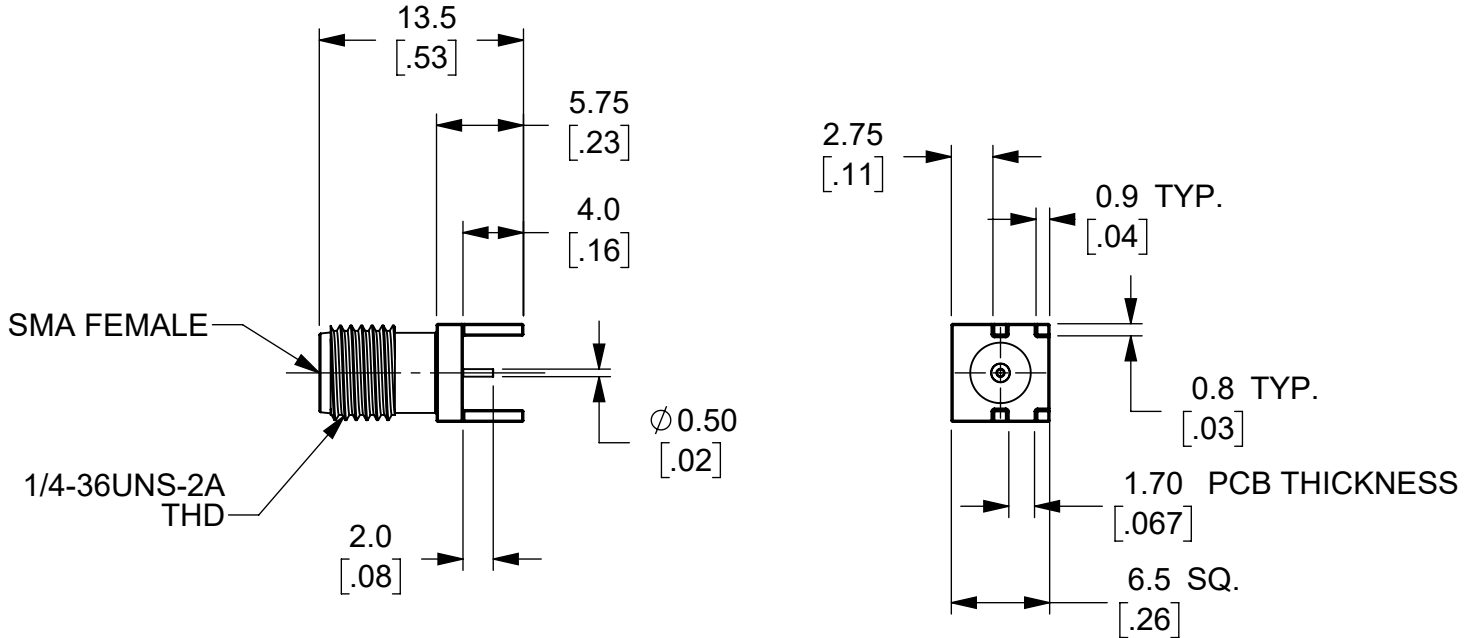
Product Description

This RF connector has a through hole connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This SMA female connector uses solder as an attachment method.

General Specifications

Attribute	Value
Connector Style	SMA
Gender	Female
Impedance	50Ω
Mounting Type	Through Hole
Frequency Range	0-18 GHz
Body Orientation	Straight
Polarity	Normal
Contact Plating	Gold
Body Plating	Gold
Contact Material	Beryllium Copper
Voltage Rating	335 Volts Peak
Temperature Range	-55°C ~ 165°C

Product Drawing



NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. CONNECTOR TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-PRF-39012.
3. MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348.
4. FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDENT ON APPLICATION SPECIFIC CONDITIONS.
5. MATERIAL:
 - BODY: BRASS, GOLD PLATED
 - CENTER CONTACT: BeCu, GOLD PLATED
 - DIELECTRIC: PTFE
6. ELECTRICAL:
 - IMPEDANCE: 50 Ω
 - FREQUENCY: DC - 18 GHz
 - WORKING VOLTAGE: 335 Vrms
 - INSULATION RESISTANCE: 5,000 M Ω
 - DIELECTRIC WITHSTAND VOLTAGE: 1,000 Vrms
7. MECHANICAL:
 - RECOMMENDED TORQUE: 0.3 Nm TO 0.6 Nm
 - TEMPERATURE RANGE: -55 C TO +165 C
8. RoHS AND REACH COMPLIANT.

Dimensions: Millimeters (Inches)

Part Number Table

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