

**SMA Connector Plug, Male Pin 50
Ohms Free Hanging (In-Line),
Right Angle Solder**

**RoHS
Compliant**

Stock No.: L033CT4499

FEATURES

- RG-142, 223, 400
- Cable Mount
- Gold-plated



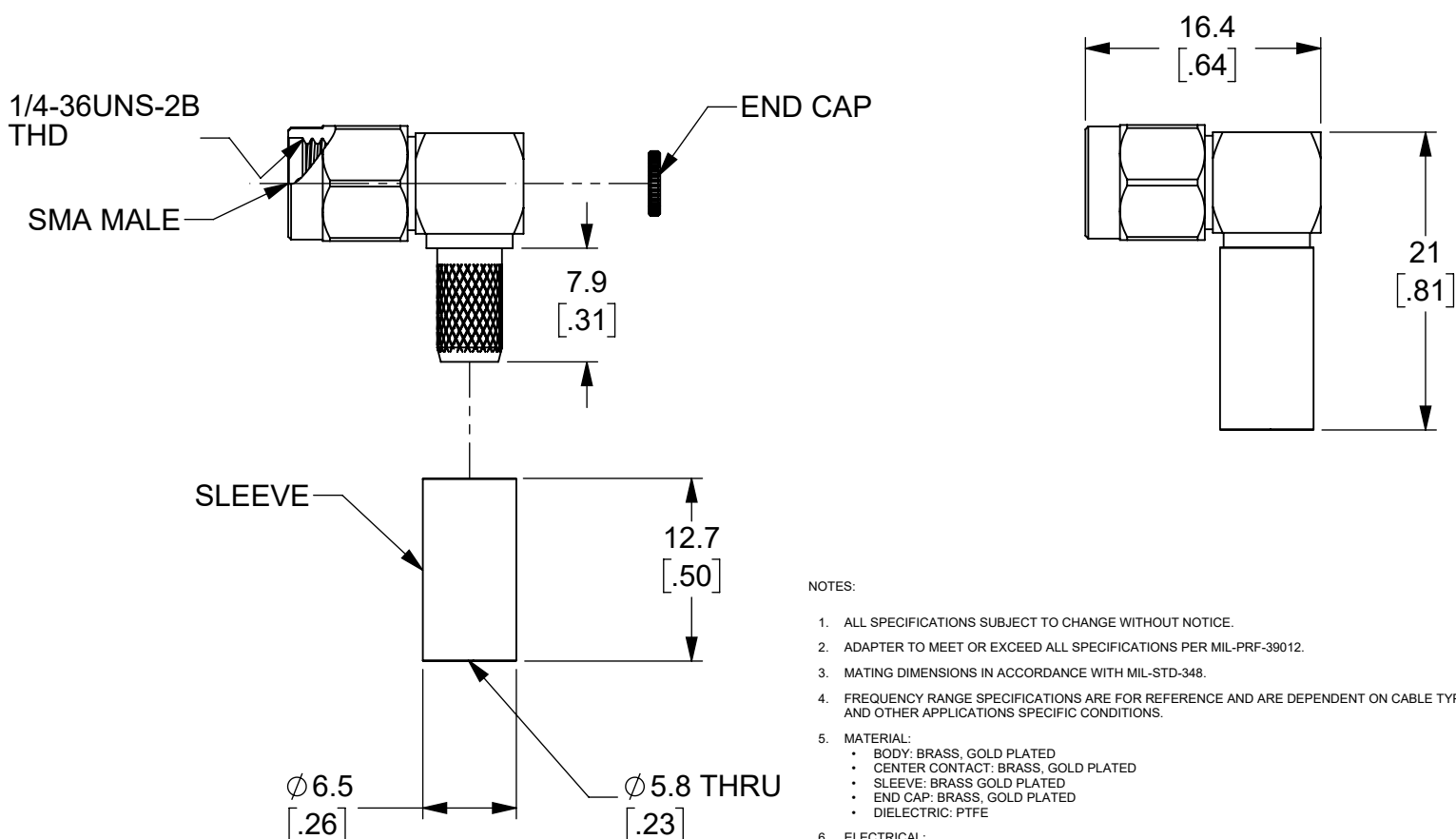
Product Description

An SMA male connector is a sub-miniature coaxial connector used in RF applications. This SMA male connector is threaded for a secure connection. Our SMA male connector is 50 Ohm crimp style nickel-plated brass connector and comes in a 3-piece design that include connector, pin, and ferrule.

General Specifications

Attribute	Value
Connector Style	SMA
Gender	Male
Impedance	50Ω
Mounting Type	Crimp
Frequency Range	0-12 GHz
Body Orientation	Right Angle
Polarity	Normal
Contact Plating	Gold
Body Plating	Gold
Contact Material	Beryllium Copper
Voltage Rating	335 Volts Peak
Temperature Range	-65°C ~ 125°C

Product Drawing



NOTES:

1. ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ADAPTER 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 CABLE TYPE AND OTHER APPLICATIONS SPECIFIC CONDITIONS.
5. MATERIAL:
 - BODY: BRASS, GOLD PLATED
 - CENTER CONTACT: BRASS, GOLD PLATED
 - SLEEVE: BRASS GOLD PLATED
 - END CAP: BRASS, GOLD PLATED
 - DIELECTRIC: PTFE
6. ELECTRICAL:
 - IMPEDANCE: 50 Ω
 - FREQUENCY: DC - 12 GHz
 - WORKING VOLTAGE: 335 Vrms
7. CABLE TYPE:
 - THE CT4499 IS INTENDED TO BE USED WITH THE FOLLOWING TYPES OF CABLE:
 - RG-142
 - RG-223
 - RG-400
8. ASSEMBLY INSTRUCTIONS ON SHEET 2 OF 2.
9. MECHANICAL:
 - RECOMMENDED TORQUE: 0.3 Nm TO 0.6 N
 - TEMPERATURE RANGE: -65 C TO +125 C
 - CENTER CONTACT CAPTIVATED: ≥ 27 N
10. RoHS AND REACH COMPLIANT

Dimensions: Millimeters (Inches)

Part Number Table

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