

## Adapter Coaxial Connector SMA Jack, Female Socket to SMA Jack, Female Socket 50 Ohms

**RoHS  
Compliant**

Stock No.: L031CT4497

### FEATURES

- SMA Female to Female
- Panel Mount
- Gold-plated



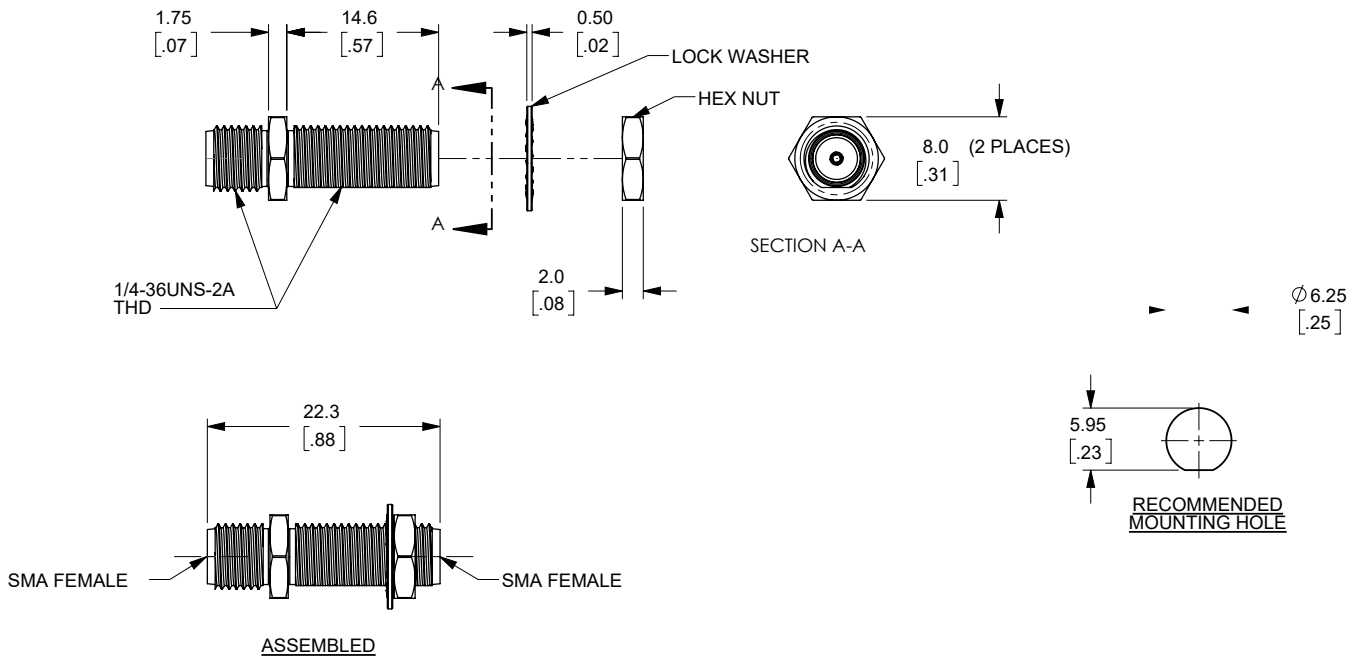
### Product Description

These Coaxial Adapters are used to interface between SMA to SMA with coaxial connections. The straight bulkhead adapter has a female-to-female configuration. SMA's generally work up to 18GHz and are a cost-effective way of insuring a highly dependable RF Coaxial connection.

### General Specifications

Attribute	Value
Adapter Type A	SMA
Adapter Type B	SMA
Gender A	Female
Gender B	Female
Impedance	50Ω
Frequency Range	0-3 GHz
Body Orientation	Straight
Polarity	Normal
Contact Plating	Gold
Body Plating	Nickel
Contact Material	Beryllium Copper
Voltage Rating	500 Volts Peak
Temperature Range	-55°C ~ 165°C

## Product Drawing



### NOTES:

- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
- ADAPTER TO MEET OR EXCEED ALL SPECIFICATIONS PER MIL-PRF-39012.
- MATING DIMENSIONS IN ACCORDANCE WITH MIL-STD-348. VSWR AND FREQUENCY RANGE SPECIFICATIONS ARE FOR REFERENCE AND ARE DEPENDENT ON CABLE TYPE AND OTHER APPLICATION SPECIFIC CONDITIONS.
- MATERIAL:
  - BODY: BRASS, GOLD PLATED
  - HEX NUT: BRASS, GOLD PLATED
  - LOCK WASHER: BRASS, GOLD PLATED
  - CENTER CONTACT: BRASS, GOLD PLATED
  - DIELECTRIC: PTFE
- ELECTRICAL:
  - IMPEDANCE: 50 Ω
  - FREQUENCY: DC - 3 GHz
  - WORKING VOLTAGE: 335 Vrms
  - VSWR: 1.35 : 1 (-16.5 dB) @ DC - 3 GHz
- MECHANICAL:
  - RECOMMENDED TORQUE: 0.3 Nm TO 0.6 Nm
  - TEMPERATURE RANGE: -55 C TO +165 C
- RoHS AND REACH COMPLIANT.

Dimensions: Millimeters (Inches)

## Part Number Table

Part Number	Description
L031CT4497	Adapter Coaxial Connector SMA Jack, Female Socket to SMA Jack, Female Socket 50 Ohms

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