

## SMA Connector Jack, Female Socket 50 Ohms Free Hanging (In-Line) Solder

RoHS  
Compliant

Stock No.: 9200898C0173

### FEATURES

- SMA Jack
- 50 Ohms
- RG-174, 188, 316/U



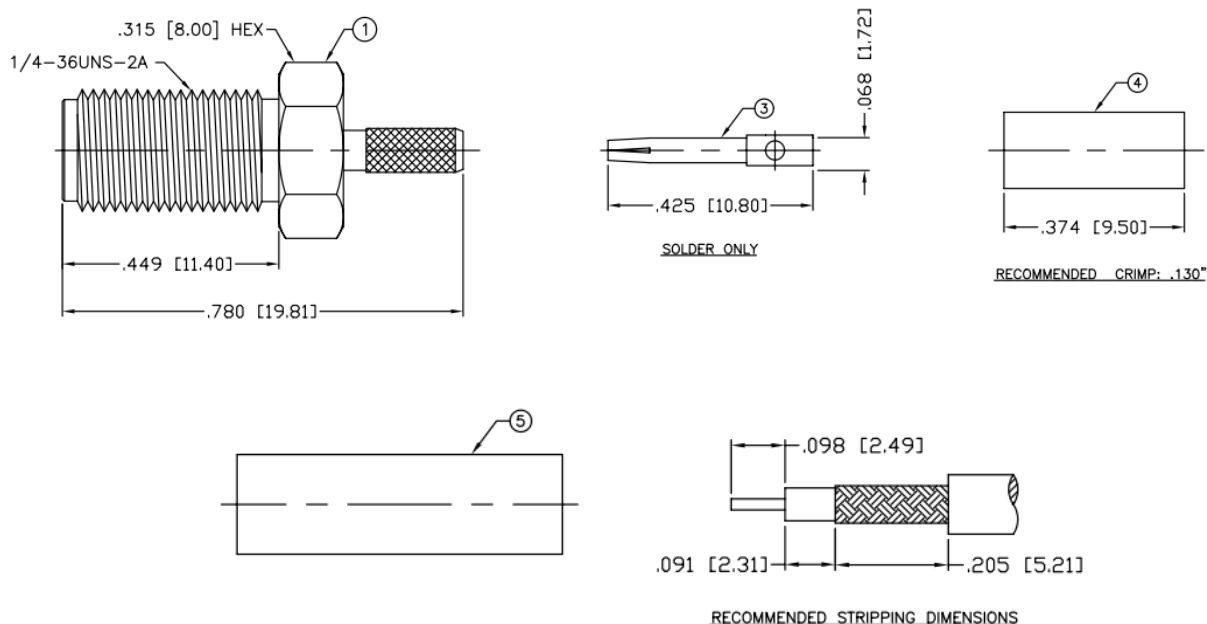
### Product Description

SMA connector has a robust center contact and outer conductor interface. SMA connectors generally work up to 12.4 GHz and are a cost-effective way of insuring a highly dependable RF Coaxial connection.

### General Specifications

Attribute	Value
Connector Style	SMA
Gender	Female
Impedance	50Ω
Mounting Type	Free Hanging (In-Line)
Frequency Range	12.4 GHz
Body Orientation	Straight
Polarity	Normal
Contact Plating	Gold
Body Plating	Gold
Contact Material	Beryllium Copper
Voltage Rating	500 V
Temperature Range	-65°C ~ 165°C

## Product Drawing



## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.06 \times \sqrt{f(\text{GHz})}$   
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 165°C  
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,  
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE

Dimensions: Millimeters (Inches)

## Part Number Table

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