

# Straight SMA Plug, Solder

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## Specifications

Connector Body Style : Straight Plug  
 Coaxial Termination : Solder  
 Connector Mounting : Cable  
 Coaxial Cable Types : RG-402

## Electrical Specifications

Frequency Range : DC 26.5GHz  
 Nominal Impedance : 50Ω  
 Voltage Rating : 500V Max.  
 VSWR : 1.16 Max. @ 18GHz / 1.20 Max. @ 26.5GHz

## Material Specifications

Bodies : Stainless Steel per JIS SUS-303  
 Centre Contact : Beryllium Copper per ASTM B196 UNS C17300  
 Insulation : PTFE per ASTM D1457 and ASTM D1710

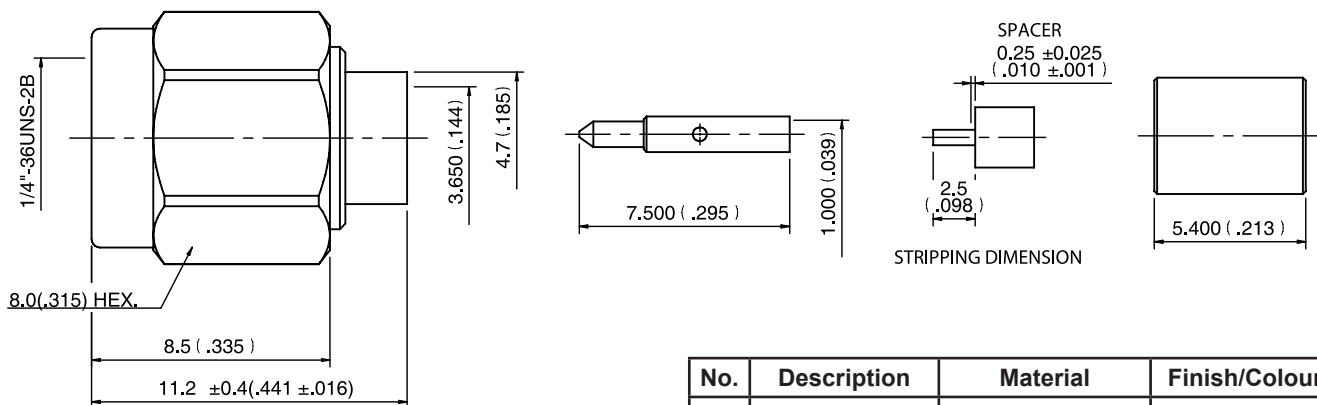
## Mechanical Specifications

Interface in accordance with : MIL-STD-348A  
 Cable Attachment : Outer: Solder / Inner: Solder  
 Recommended Coupling Torque : 7 to 10 in-lbs

## Environmental Specification

Operating Temperature : -65°C to +165°C

## Diagram



Dimensions : Millimetres (Inches)

No.	Description	Material	Finish/Colour
1	Shell	Stainless Steel	Gold 3μ" Min.
2	Gasket	Silicone	Red
3	Washer	Stainless Steel	-
4	Body	Stainless Steel	Gold 10μ" Min.
5	Insulation	PTFE	-
6	Centre Contact	Beryllium Copper	Gold 50μ" Min.

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## Part Number Table

Description	Part Number
Straight SMA Plug, Solder, 50Ω, RG-402	MC002922

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