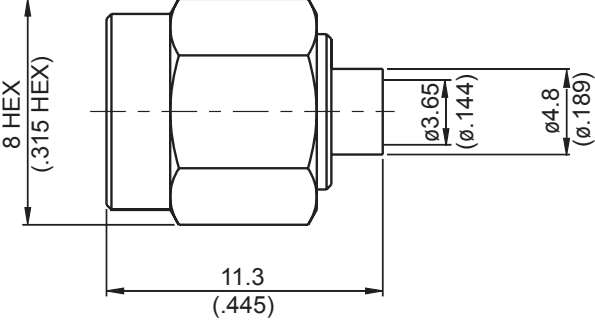


SMA33ND-0141	SMA Plug Solder Without Insulator/Pin For RG402; 27GHz VSWR 1.2	50Ω															
																	
<table border="1"> <thead> <tr> <th>Parts</th> <th>Material</th> <th>Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Renber Ring</td> <td>Beryllium Copper</td> <td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td> </tr> <tr> <td>Gasket</td> <td>Silicon</td> <td></td> </tr> <tr> <td>Body</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Coupling Nut</td> <td>Stainless</td> <td>Passivated</td> </tr> </tbody> </table>	Parts	Material	Plating (Micro-inch)	Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Coupling Nut	Stainless	Passivated		
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Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20															
Coupling Nut	Stainless	Passivated															
<p>Weight: 2.42 g Suitable Cables: Semi-rigid.141</p>																	

This part number complies with RoHS.

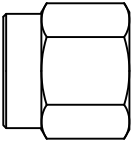

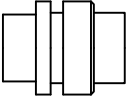

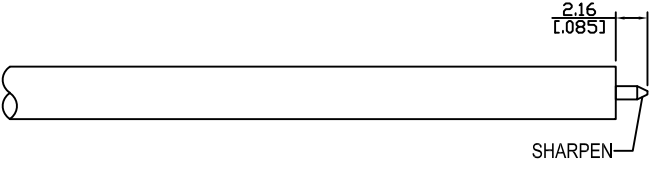
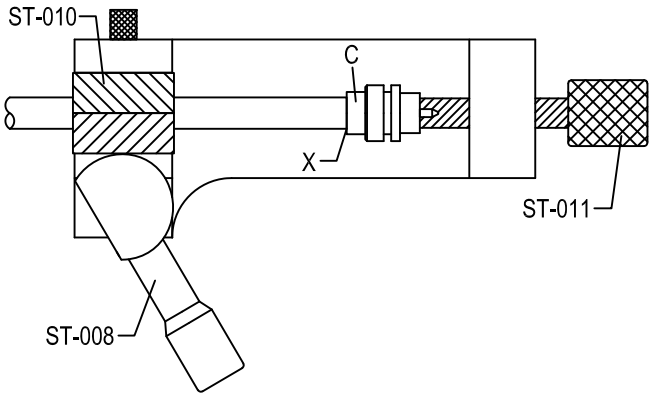
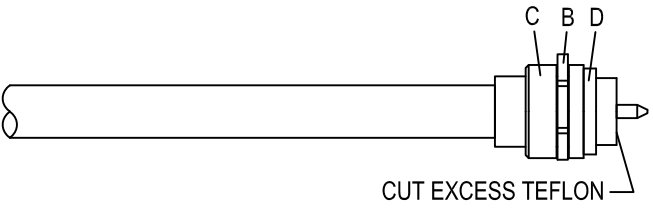
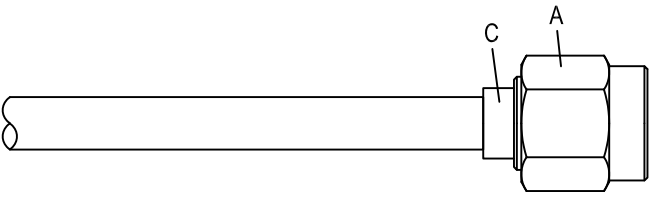
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA33ND-0141
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance 50Ω Frequency range DC to 27GHz VSWR ≤ 1.2 (DC to 27GHz) Insertion loss ≤ 0.04 x √f(GHz) dB Insulation resistance ≥ 5000MΩ Contact resistance inner conductor ≤ 3mΩ Contact resistance outer conductor ≤ 2mΩ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 60.7 lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div> Locator tool ST-011 Soldering fixture ST-008 Insert for .141 semi-rigid cable ST-010	

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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA33ND-0141	DATE	2017/12/01	REV	—
A	B	C	D	
				
SHELL	RETAINER RING	BODY	GASKET	
DIAGRAM	ASSEMBLY INSTRUCTION			
	<p>Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.</p>			
	<p>Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".</p>			
	<p>Step 4: CUT AWAY ANY EXCESS TEFLON AFTER SOLDERING. Step 5: CLIP RETAINER RING " B " AND GASKET " D " ONTO THE BACK OF CONNECTOR BODY " C ".</p>			
	<p>Step 6: PUT SHELL " A " ONTO CONNECTOR BODY " C ".</p>			

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

APPROVED

CHECKED

DRAWING

Albert

SMA33ND-0141

