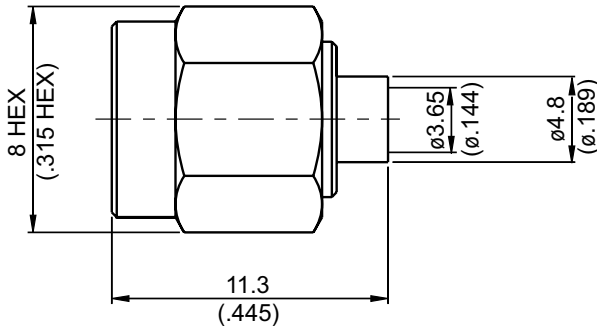


SMA3300-0141	SMA Plug Solder For RG402; 27GHz VSWR 1.2	50Ω																					
																							
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">Parts</th> <th style="width: 20%;">Material</th> <th style="width: 60%;">Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Contact Pin</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <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>Insulator</td> <td>Teflon</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>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> </tbody> </table>			Parts	Material	Plating (Micro-inch)	Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Insulator	Teflon		Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Parts	Material	Plating (Micro-inch)																					
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																					
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50																					
Gasket	Silicon																						
Insulator	Teflon																						
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																					
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20																					
Weight: 2.36 g Suitable Cables: Semi-rigid.141																							

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA3300-0141
Interface	
MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5
Electrical Data	
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
Mechanical Data	
Recommended coupling nut torque	4 inch lbs
Coupling proof torque	5.3 inch lbs
Coupling nut retention force	≥ 60.7 lbs
Contact Captivation-axial	≥ 6.1 lbs
Durability (mating)	≥ 100
Environmental Data	
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
Tooling	
Soldering fixture	ST-008
Insert for .141inch semi-rigid cable	ST-010
Locator tool	ST-011
Dielectric insertion tool	ST-003
Soldering gauge	ST-005

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA3300-0141	DATE	2017/12/01	REV	—
--------------	------	------------	-----	---

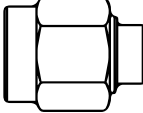


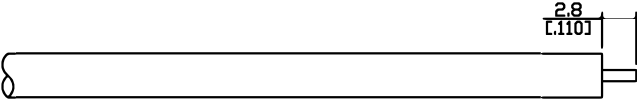
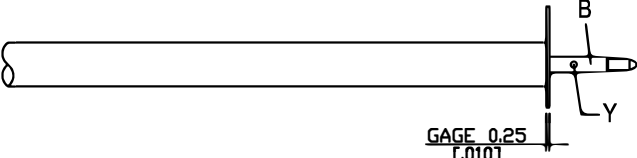
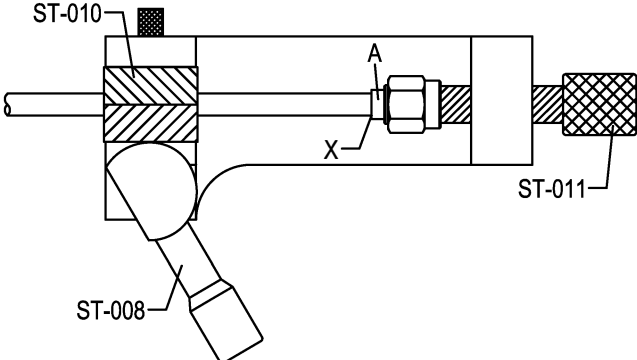
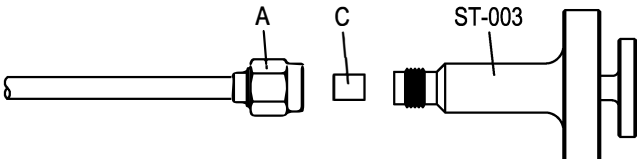
<p>A</p>  <p style="text-align: center;">BODY</p>	<p>B</p>  <p style="text-align: center;">CONTACT PIN</p>	<p>C</p>  <p style="text-align: center;">INSULATOR</p>
--	---	---

DIAGRAM	ASSEMBLY INSTRUCTION
---------	----------------------

	<p>Step 1: STRIP AS SHOWN.</p>
---	--------------------------------

	<p>Step 2: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE 0.25MM GAGE ST-005</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: USE DIELECTRIC INSERTION TOOL " ST-003 " TO INSERT THE TEFLON " C ".</p>
---	---

This part number complies with RoHS.
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

APPROVED	CHECKED	DRAWING
----------	---------	---------

Albert

SMA3300-0141

