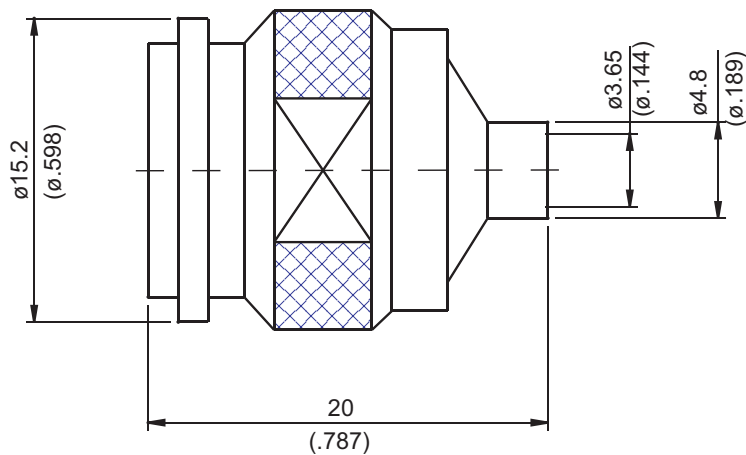


TNC3300S-0141

**TNC Plug Solder For RG402;  
12.4GHz VSWR 1.25**

**50Ω**



| Parts         | Material  | Plating (Micro-inch)                                  |
|---------------|-----------|-------------------------------------------------------|
| Ferrule       | Stainless | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Center Pin    | Brass     | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Gasket        | Silicon   |                                                       |
| Insulator     | PTFE      |                                                       |
| Coupling Nut  | Stainless | Passivated                                            |
| Renbrock Ring | Brass     | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |
| Body          | Stainless | Gold 5 Over Nickel 100 Over Copper 50                 |

Weight: 11.96 g

Suitable Cables: Semi-rigid.141

**This part number complies with RoHS.**

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

| TNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TNC3300S-0141 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <div>Interface</div> MIL-STD-348B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |
| <div>Electrical Data</div> <div> <div>Impedance</div> <div>Frequency range</div> <div>VSWR</div> <div>Insertion loss</div> <div>Insulation resistance</div> <div>Contact resistance inner conductor</div> <div>Contact resistance outer conductor</div> <div>Dielectric withstanding voltage (at sea level)</div> <div>Working voltage (at sea level)</div> </div> <div> <div>50Ω</div> <div>DC to 12.4GHz</div> <div><math>\leq 1.25</math> (DC to 12.4GHz)</div> <div><math>\leq 0.1 \times \sqrt{f(\text{GHz})}</math> dB</div> <div><math>\geq 5000\text{M}\Omega</math></div> <div><math>\leq 1.5\text{m}\Omega</math></div> <div><math>\leq 1\text{m}\Omega</math></div> <div>1500 V rms</div> <div>500 V rms</div> </div> |               |
| <div>Mechanical Data</div> <div> <div>Recommended coupling nut torque</div> <div>Coupling proof torque</div> <div>Coupling nut retention force</div> <div>Contact captivation-axial</div> <div>Durability (mating)</div> </div> <div> <div>4.1 to 6.1 inch lbs</div> <div>15 inch lbs</div> <div><math>\geq 101.2</math> lbs</div> <div><math>\geq 6.1</math> lbs</div> <div><math>\geq 500</math></div> </div>                                                                                                                                                                                                                                                                                                                  |               |
| <div>Environmental Data</div> <div> <div>Temperature range</div> <div>Thermal shock</div> <div>Moisture resistance</div> <div>Corrosion</div> <div>RoHS</div> </div> <div> <div>-65°C to +165°C</div> <div>MIL-STD-202, Method 107, Condition B</div> <div>MIL-STD-202, Method 106</div> <div>MIL-STD-202, Method 101, Condition B</div> <div>Compliant</div> </div>                                                                                                                                                                                                                                                                                                                                                             |               |
| <div>Tooling</div> <div> <div>Soldering gauge</div> <div>Locator tool</div> <div>Soldering fixture</div> <div>Insert for .141inch semi-rigid cable</div> </div> <div> <div>ST-0.33</div> <div>ST-011</div> <div>ST-008</div> <div>ST-010</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |

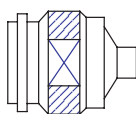
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

## CABLE ASSEMBLY INSTRUCTION

TNC3300S-0141

JYE BAO CO., LTD.

A



BODY

B



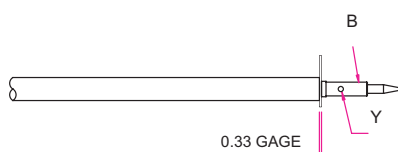
CONTACT PIN

DIAGRAM

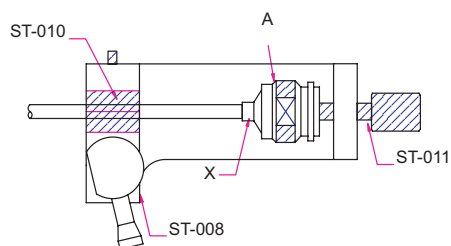
ASSEMBLY INSTRUCTION



Step 1: STRIP AS SHOWN .



Step 2: PUT 0.33 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".



Step 3: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".

This part number complies with RoHS.

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