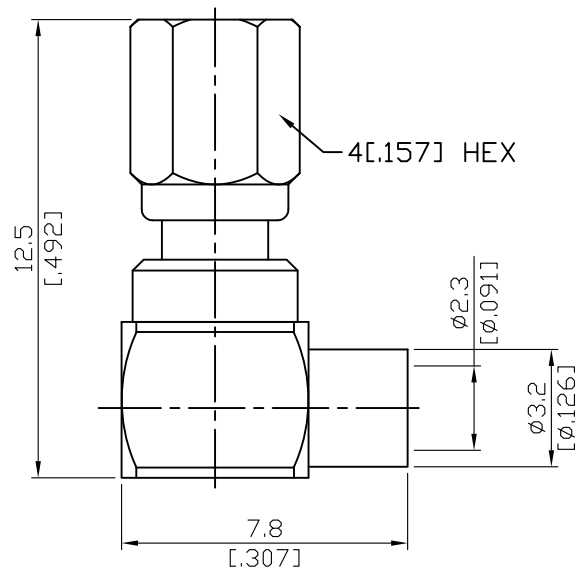


SSMC3300-9085

SSMC Plug Solder Right Angle For RG405, 50Ω  
6GHz VSWR 1.25



| Parts        | Material         | Plating ( Micro-inch )                                |
|--------------|------------------|-------------------------------------------------------|
| Cover        | Brass            | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Contact Pin  | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| 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 |

Suitable Cables: semi-rigid .085

This part number complies with RoHS.

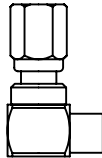
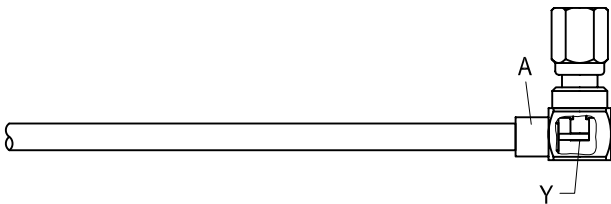
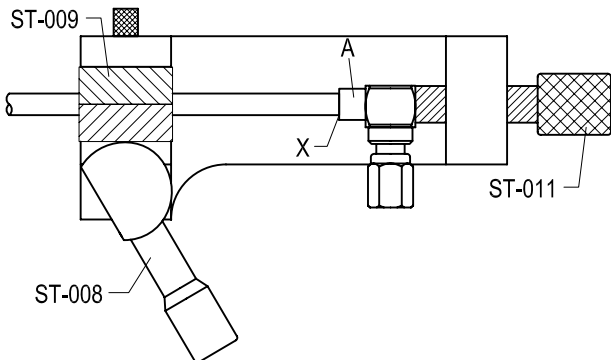
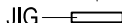
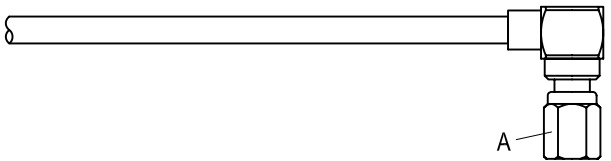
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| SSMC                                           | SSMC3300-9085                        |
|------------------------------------------------|--------------------------------------|
| <b>Electrical Data</b>                         |                                      |
| Impedance                                      | 50Ω                                  |
| Frequency range                                | DC to 6GHz                           |
| VSWR                                           | ≤ 1.25 (DC to 6GHz)                  |
| Insertion loss                                 | ≤ 0.1 x √f(GHz)dB                    |
| Insulation resistance                          | ≥ 10000MΩ                            |
| Contact resistance inner conductor             | ≤ 5mΩ                                |
| Contact resistance outer conductor             | ≤ 2.5mΩ                              |
| Dielectric withstanding voltage (at sea level) | 500 V rms                            |
| Working voltage (at sea level)                 | 175 V rms                            |
| RF- leakage                                    | ≥ 70dB to 1GHz                       |
| <b>Mechanical Data</b>                         |                                      |
| Recommended coupling nut torque                | 1.8 to 2 inch lbs                    |
| Coupling proof torque                          | 2.6 inch lbs                         |
| Coupling nut retention force                   | ≥ 22.5 lbs                           |
| Contact captivation-axial                      | ≥ 1.8 lbs                            |
| Durability (mating)                            | ≥ 500                                |
| <b>Environmental Data</b>                      |                                      |
| 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                            |
| <b>Tooling</b>                                 |                                      |
| Locator tool                                   | ST-011                               |
| Soldering fixture                              | ST-008                               |
| Insert for .141 semi-rigid cable               | ST-009                               |

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

|                                                                                                                                                                                                                                                              |  |                                                                                                                                      |            |         |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---|
| SSMC3300-9085                                                                                                                                                                                                                                                |  | DATE                                                                                                                                 | 2017/10/20 | REV     | — |
| <div><div>A</div><div></div><div>BODY</div></div>                                                                                                                           |  | <div><div>B</div><div></div><div>COVER</div></div>  |            |         |   |
| DIAGRAM                                                                                                                                                                                                                                                      |  | ASSEMBLY INSTRUCTION                                                                                                                 |            |         |   |
|                                                                                                                                                                             |  | Step 1: STRIP AS SHOWN.                                                                                                              |            |         |   |
|                                                                                                                                                                           |  | Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".                                            |            |         |   |
|                                                                                                                                                                           |  | Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ". |            |         |   |
| <div><div><div>FORCE</div><div></div><div>JIG</div><div>B</div></div><div></div></div> |  | Step 4: PRESS ON THE TOP OF " B " WITH JIGS.                                                                                         |            |         |   |
| This part number complies with RoHS.<br>Notice: JYEBAO reserves the right to make modifications deemed appropriate.                                                                                                                                          |  |                                                                                                                                      |            |         |   |
| APPROVED                                                                                                                                                                                                                                                     |  | CHECKED                                                                                                                              |            | DRAWING |   |
|                                                                                                                                                                                                                                                              |  |                                                                                                                                      |            | Albert  |   |

# SSMC3300-9085

