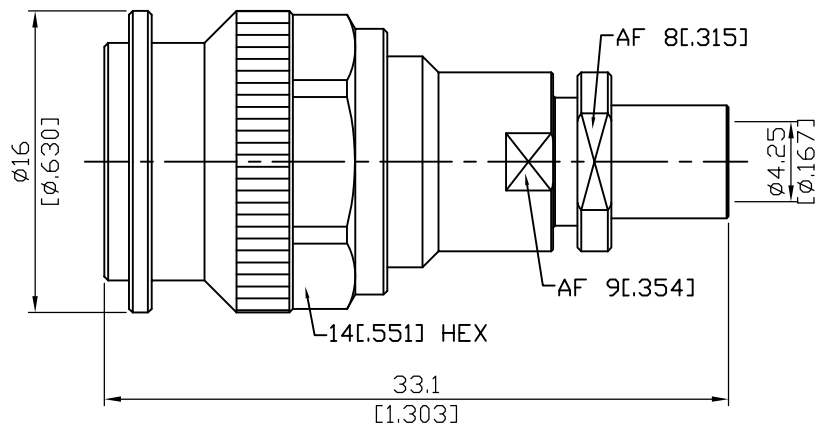
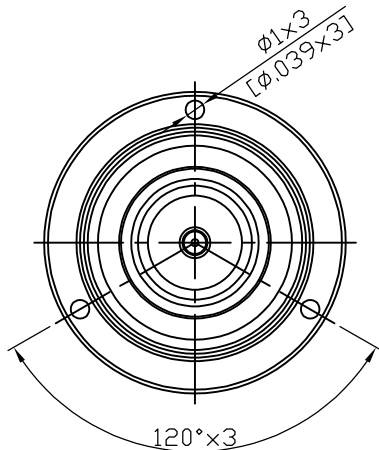


TNC3200-S402

TNC Plug Solder Clamp, With Lock Wire Holes,
For Flexible RG402, 18GHz VSWR 1.2*

50Ω



Note:

1. Precision connector up to 18GHz.
 2. Solder clamp design ensures a sturdy connector/cable connection.
 3. Manufacturing low loss high frequency RF assemblies requires expertise.+
- *Using 5003

Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Solder Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Clamp Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	

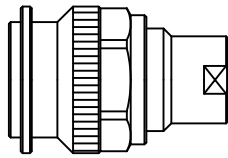
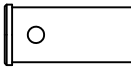
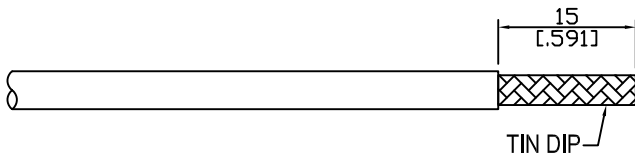
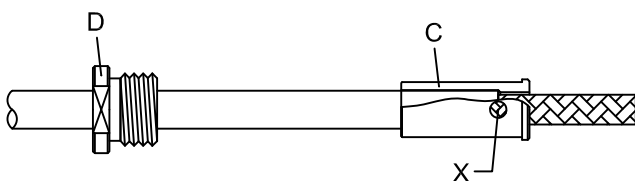
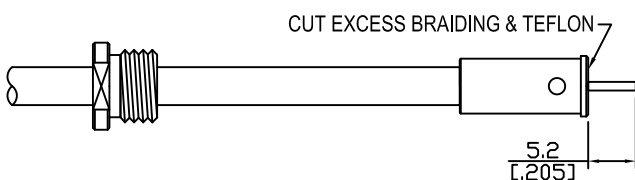
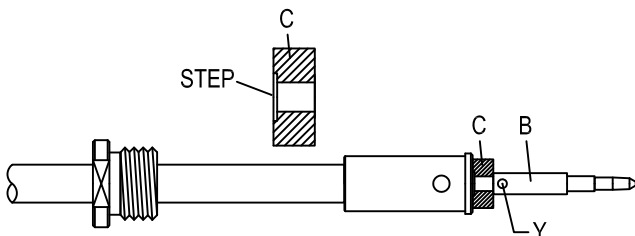
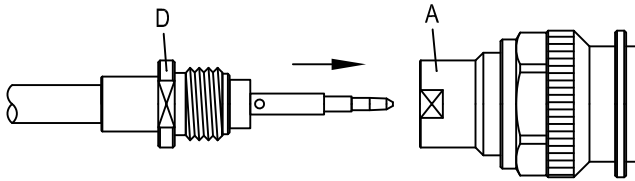
Suitable Cables: 5003; SS402; Multiflex 141; T-Flex 402; .141SRF-W-P-50-F

TNC	TNC3200-S402																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 18GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 18GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 1.5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 1mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>500 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 18GHz	VSWR	≤ 1.2 (DC to 18GHz)	Insertion loss	≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	500 V rms
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RoHS	Compliant																		
Tooling																			

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

TNC3200-S402		DATE	2017/01/10	REV	—
A	B	C	D	E	
					
BODY	CONTACT PIN	INSULATOR	SOLDER FERRULE	CLAMP NUT	
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN AND TIN DIP BRAIDING.			
		Step 2: SLIDE NUT " D " AND SOLDER FERRULE " C " OVER THE CABLE. Step 3: SOLDER IN " X ".			
		Step 5: CUT AWAY ANY EXCESS BRAID AND TEFLON STICKING OUT OF THE SOLDER FERRULE. Step 6: CUT CENTER CONDUCTOR TO LENGTH.			
		Step 7: PUT INSULATOR " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".			
		Step 8: FINALLY SCREW " D " ON THE CONNECTOR BODY " A ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

TNC3200-S402

