



MATERIAL: R/A Body: 303 sst per ASTM A-743. Coupling Nut, Male Body & Press Ring: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Gasket: Silicon Rubber per A-A-59588.	ELECTRICAL: Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.08 + .009 x f(GHz). Insertion Loss: .25 dB max to 18GHz. Working Voltage: 500 Vrms @ Sea Level 125 Vrms @ 70,000 ft Dielectric Withstand Voltage: 1500 Vrms RF HiPot Withstand Voltage: 1000 Vrms Corona Level: 375 Vrms Min. Insulation Resistance: 5000 MegaOhms Contact Resistance: Center Conductor: 3.0 mOhms MAX Outer Conductor: 2.0 mOhms MAX Permeability: Less than 2.0 MU RF Leakage: -90 dB min from 2-3 GHz.	MECHANICAL: Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-lbs max. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 5DD cycles min. Coupling Proof Torque: 15 Inch-Pounds min. Coupling Nut Retention force: 1DD lbs min axial force	ENVIRONMENTAL: Temperature Range: -65°C to +165°C. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test cond. I.
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FINISH:
 Center Conductor:
 Gold Plate per ASTM B-488, over nickel plate per AMS-QQ-N-290.
 Coupling Nut, Bodies & Press Ring:
 (For CCSF): Passivated per ASTM A-967.
 (For CC): Gold Plate per ASTM B-488, over nickel plate per AMS-QQ-N-290.

APPLICABLE TENSOLITE DOCUMENTS		
WORK STD	PRDD INST	ASSY INST
NA	NA	NA

NOTICE
 THE DRAWING ENGINEER IS RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS AND TOLERANCES SHOWN. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS AND TOLERANCES SHOWN. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS AND TOLERANCES SHOWN.

- TOLERANCES AND NOTES EXCEPT AS NOTED**
1. BREAK ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.
 2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET BEFORE PLATING.
 3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 6. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 7. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 8. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 9. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.
 10. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING.

MATERIAL	SIZE	SPECIFICATION	PROCESSING
APPROVAL INITIALS	DATE	Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
DRAWN BY: A6S	08.28.02	TITLE: TNC MALE TO TNC FEMALE RADIUS R/A ADAPTER	
CHECKED BY:		SIZE: 4:1	SHEET 1 OF 1
QUALITY:		DATE: 01.22.08	REV: D
ISSUED BY: DNg	01.22.08	DATE: 01.22.08	REV: D
ISSUED BY: C	30990	DATE: 01.22.08	REV: D