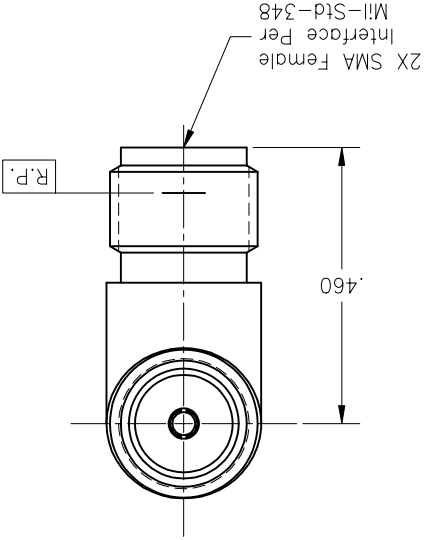
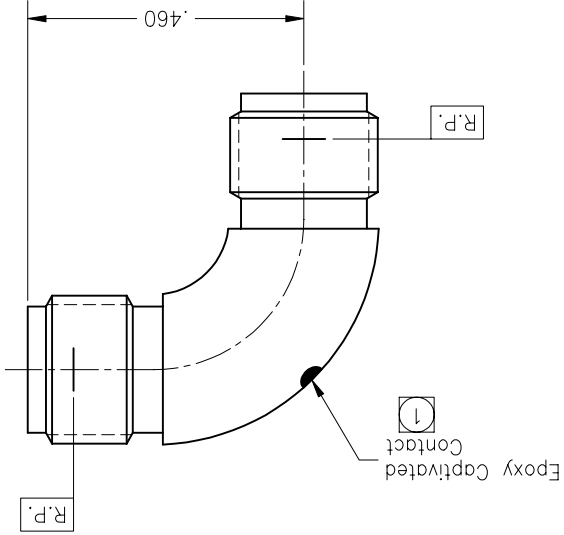


P/N	APPLICABLE
BASIC	
SF	
CC	1
CCSF	1

Note(s):

1. Epoxy is required only on Part No.'s 5095CC and 5095CCSF.



REVISIONS			
ZONE	REV.	DESCRIPTION(S)	DATE
—	C	ECO 19617	10.02.06

REV.	C
DRAWING NO.	5095

MATERIAL(S):

Body: 304 sst per MIL-T-8504 or SAE-AMS-5567. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Epoxy: **Sigma VF type HV.		Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005 X f(GHz). Insertion Loss: .03 √f(GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1,000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: —(65 — fGHz) dB (For CC & CCSF's). R.F. Leakage: —(90 — fGHz) dB (For BASIC & SF's). Contact Resistance: Before Environmental: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environmental: Center Contact: 4.0 Milliohm max. Outer Contact: NA.		** Not applicable to Part No.'s 5095 & 5095SF.	
Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Contact Captivation: **Axial Force: 6 pounds min. **Radial Torque: 4 inch-ounces min.		Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. 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.		** Not applicable to Part No.'s 5095 & 5095SF.	

FINISH(ES):			
Body: (For SF & CCSF's): Passivate per ASTM A-967. (For BASIC & CC's): Gold plate per ASTM B-488, over nickel plate per SAE-AMS-QQ-290.			
Center Conductor: Gold plate per ASTM B-488, over nickel plate per SAE-AMS-QQ-N-290.			
APPLICABLE TENSOLITE DOCUMENTS			
WORK STD	PROD INST	NA	NA
ASSY INST			
TOLERANCES AND NOTES			
EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .0005 ANGULAR ± 1/2°			
1. MACHINE FINISH: ES/ RMS FRACTION ± 1/32			
2. BREAK ALL SHARP EDGES .003 MAX.			
3. MACHINED FILLETS .005 MAX.			
4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.			
5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 TIR.			
6. DIMENSIONS TO BE MET BEFORE PLATING.			
7. CHAMFERS ALL THREADS 45°.			
8. THREADS PER H-28			
9. REMOVE TRAPPED EDGES ON TEFLOON.			
10. REMOVE ALL BURRS.			
THIS DRAWING EMPLOYS A CONVENTIONAL PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING, EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL INFORMATION FOR A SPECIFIED PURPOSE AND THE RECIPIENT AGREES TO ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURES REGULARLY RESERVED BY TENSOLITE COMPANY. LONG BEACH, CALIFORNIA 90815.			
NOTICE			
DRAWN BY: JF DATE: 11.12.04			
CHECKED: P.MAO 10.02.06			
QUALITY: P.MAO 10.02.06			
ENGINEERING: P.MAO 10.02.06			
APPROVAL INITIALS: DATE: 11.12.04			
TITLE: SMA FEMALE TO SMA FEMALE RADIUS RIGHT ANGLE ADAPTER			
SUB-DIRECTORY/FILE NAME: OL\			
SHEET 1 OF 1			
DRAWING NO. 5095			
CAGE CODE 309990			
C 5095			
SIZE 10.02.06			
SCALE 6:1			
REV. C			