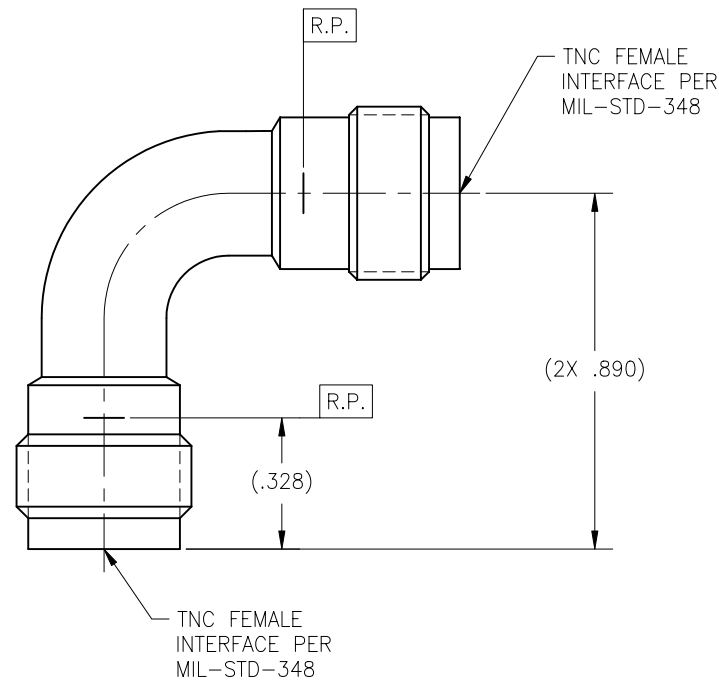


P/N
CCSF

REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
-	A	ECO 19558	09.11.06	DKN



DRAWING NO.	9051	REV.	A
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MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
R/A Body: 303 sst per ASTM A-743. Female Body & Press Ring: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Epoxy: Loctite.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.08 + .009 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: 2.5 mOhms MAX Outer Conductor: 2.0 mOhms MAX Permeability: Less than 2.0 MU RF Leakage: -90 dB min from 2-3 GHz.	Mating Characteristics: Interface per Mil-Std-348. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/minute max.	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. B. Mil-Std-202, Method 213, Test cond. I. Shock:

FINISH:
Center Conductor:
Gold Plate per ASTM B-488, over nickel plate per AMS-QQ-N-290.
Bodies & Press Ring:
Passivated per ASTM A-967.

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

NOTICE

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- TOLERANCES AND NOTES EXCEPT AS NOTED**
DIMENSIONS ARE IN INCHES.
- 1. LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION ± 1/32
 - 1. MACHINE FINISH: $\sqrt{32}$ RMS
 - 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 T.I.R.
 - 6. DIMENSIONS TO BE MET BEFORE PLATING.
 - 7. CHAMFER ALL THREADS 45°.
 - 8. THREADS PER H-28
 - 9. REMOVE FRAYED EDGES ON TEFLON.
 - 10. REMOVE ALL BURRS.

MATERIAL		SIZE	SPECIFICATION	PROCUREMENT
-		-	-	-
NEXT ASSY		Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815		
APPROVAL INITIALS	DATE	TITLE		
DRAWN BY: AGS	08.29.02	TNC FEMALE TO TNC FEMALE RADIUS R/A ADAPTER		
CHECKED		SCALE	SUB-DIRECTORY/FILENAME	SHEET 1 OF 1
QUALITY		4:1	OL_\	
ENGINEERING: ATV	09.13.06	SIZE	CAGE CODE	DRAWING NO.
		C	30990	9051
				REV. A