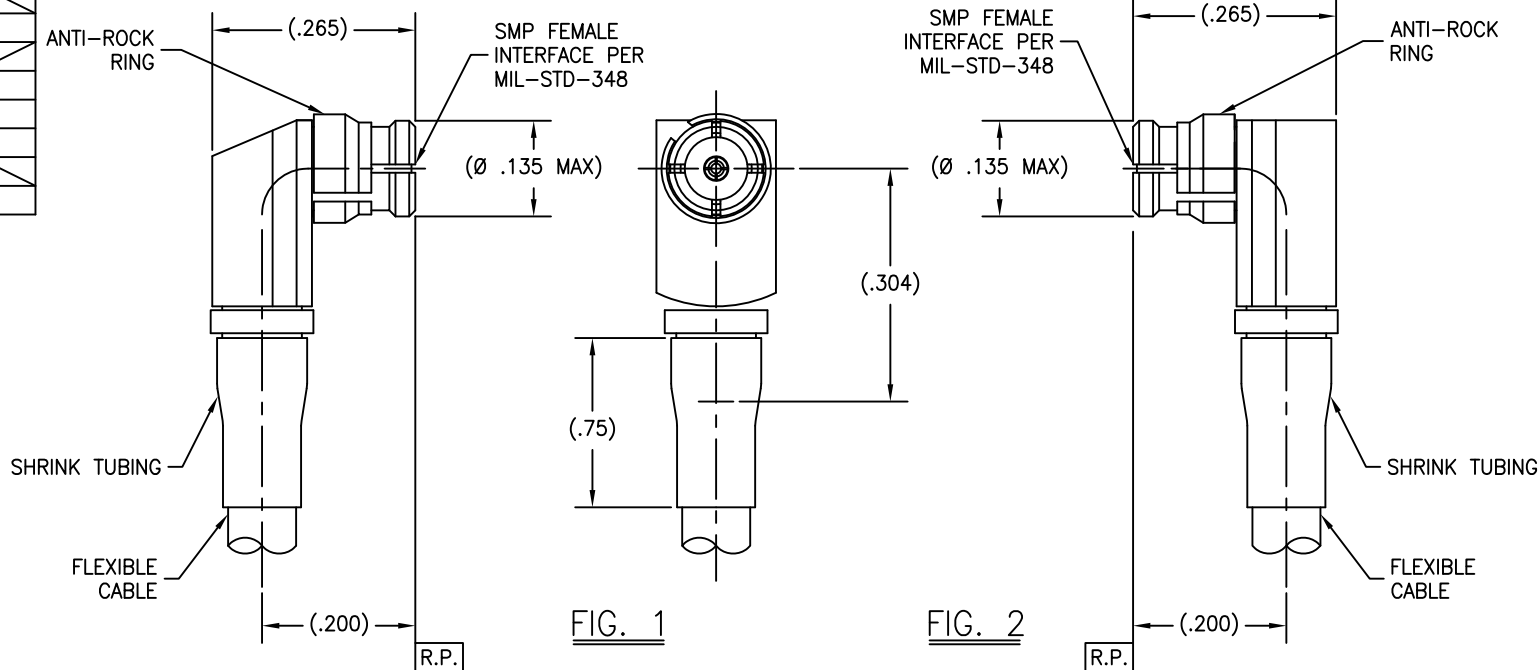


P/N	CABLE TYPES	FIG'S
-1CC		
-2CC		
-3CC		
-4CC		
-6CC		
-9CC	TLL18-1087	1
-10CC		
-11CC		
-12CC		
-13CC		
-14CC		
-19CC	TLL18-1087	2

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	G	ECO 17561 (ADD -10CC)	10.18.04	JF
-	H	ECO 18058	03.30.05	RC
-	J	ECO 19759 (ADD -6CC)	11.15.06	DKN



MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Contact, EMI & Anti-Rock Ring: BeCu alloy per ASTM B-196. Cable Insert: BeCu alloy per ASTM B-196. or Brass alloy per ASTM B-16. Dielectric: PTFE per ASTM D-1710. Shrink Tubing: AMS-MIL-DTL-23053/4.	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.5 GHz. VSWR: 1.25:1 max to 26.5GHz Insertion Loss: $.06\sqrt{f}$ GHz Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 4.0 Milliohm max. Outer Contact: 2.0 Milliohm max. R.F. Leakage: -80 dB max to 3.0GHz -65 dB max to 18GHz	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Dependent on detent Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/min max. Permeability: Less than 2.0 mu. Center Contact Captivation: Axial Force: 6 pounds min. Torque: 4 inch-ounces min.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegaOhms 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.

FINISH:
Body, Insert, Center Conductor, EMI & Anti-Rock Ring: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.

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. LINEAR .001 ± .015 ANGULAR ± 1/2° FRACTION ± 1/32
1. MACHINE FINISH: 63/ RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER RICH. 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 APPROVAL INITIALS DRAWN BY BRD CHECKED QUALITY ENGINEERING DNg	DATE 02/07/96 11/17/06	Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815 TITLE SMP FEMALE MITER RIGHT ANGLE TO FLEXIBLE FLEXIBLE CABLE WITH FREQUENCY UP TO 26.5 GHz. SCALE 8:1 SUB-DIRECTORY/FILENAME OLPPX	SHEET 1 of 1 CAGE CODE 30990 DRAWING NO. P601 REV. J