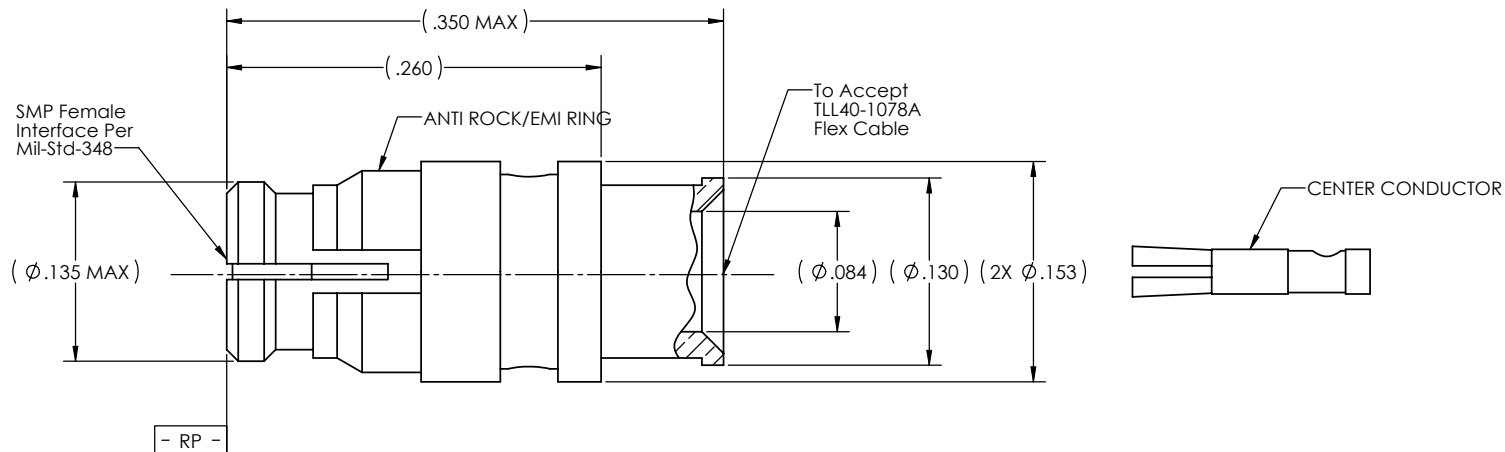
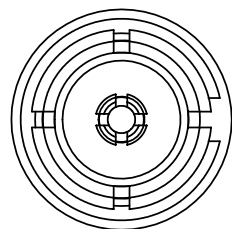
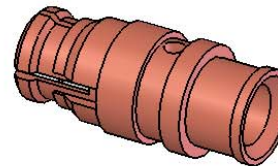


REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21697	10.30.08	HT



NOTE(S):
1. CENTER CONDUCTOR TO BE PACKAGED & SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Center Conductor, Anti rock/EMI ring: BeCu Alloy per ASTM B-196 Insulator: PTFE Teflon per ASTM D-1710	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: $1.05 + .005\sqrt{f}$ (GHz) Insertion Loss: $.05 \times \sqrt{f}$ GHz Working Voltage: 335 Vrms @ Sea Level Dielectric Withstand Voltage: 500 Vrms RF HiPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 190 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Contact: 6.0 Milliohms max Outer Contact: 2.0 Milliohms max Permeability: Less than 2.0 mu. RF Leakage: -80 dB min DC to 3 GHz -65 dB min from 3.5 to 26.5 GHz	Mating Characteristics: Interface per Mil-STD-348 Force To Engage: Full Detent: 15 lbs max Limited Detent: 10 lbx max Smooth Bore: 2 lbs max Force To Disengage: Full Detent: 5 lbs min. Limited Detent: 2 lbs min. Smooth Bore: .5 lbs min. Center Contact Insertion Force: 16 ounces max Center Contact Separation Force: 0.5 ounces min. Connector Durability: Depend on Detent	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B Moisture Resistance: MIL-STD-202, Method 106. Insulation resistance at least 200 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: Solder sleeve, body, & Center Conductor, Anti Rock/EMI Ring: Gold plate per ASTM B-488 Over Nickel plate per AMS-QQ-N-290	APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED				-		-		-		-	
	WORK STANDARD WS126	PROD INSTRUC. NA	ASSY INSTRUC. AI-675	DIMENSIONS ARE IN INCHES LINEAR $\pm .005$ ANGULAR $\pm 1/2^\circ$ FRACTION $\pm 1/32$				MATERIAL		SIZE		SPECIFICATION		PROCUREMENT	
				1. MACHINE FINISH \sqrt{RMS} 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS $\pm .005$ MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.D. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER I-28. 9. REMOVE FRAIED EDGES ON TEFLON. 10. REMOVE ALL BURRS.				APPROVAL INITIALS		DATE		CARLISLE Interconnect Technologies Long Beach, CA 90815 TITLE SMP FEMALE STRAIGHT TO TLL40-1078A FLEX CABLE SCALE 15:1 SIZE C 30990 DRAWING NO. P624-2CC SHEET 1 OF 1			
				NOTICE: THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES & ALL DESIGN, MANUFACTURING, REPRODUCTION, USE & SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE & THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY CARLISLE INTERCONNECT TECHNOLOGIES, LONG BEACH, CALIFORNIA 90815.				DESIGN ENGR H.T.	11.03.08	DATE					
								DRAWN BY HT		10.30.08					
								CHECKED BY							
								TEST ENGR							
								QUALITY							
								MFG ENGR							