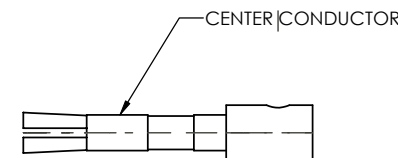
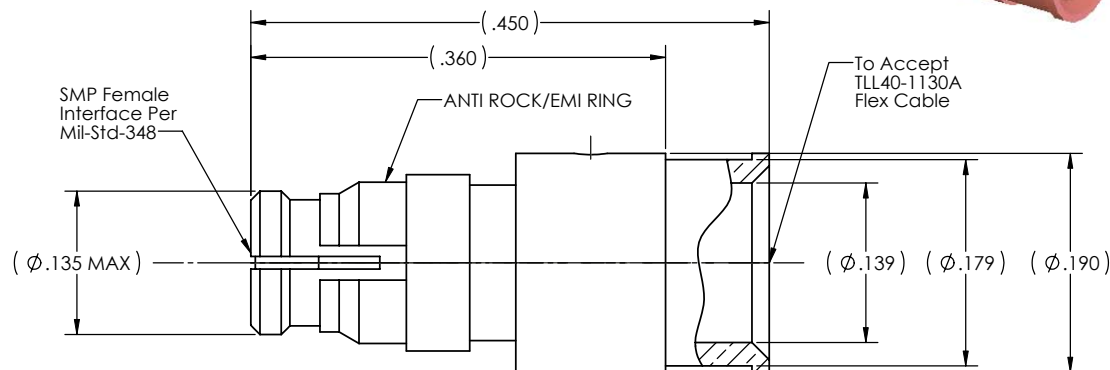
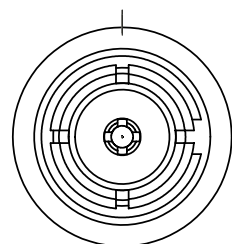
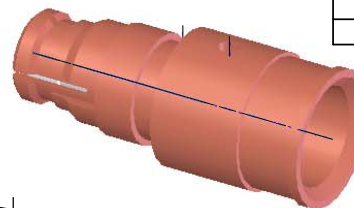


REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21708	11.03.08	HT
B	ECO 21757	11.13.08	HT



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:	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT																	
Solder sleeve, body, & Center Conductor, Anti Rock/EMI Ring: Gold plate per ASTM B-488 Over Nickel plate per AMS-QQ-N-290	<table border="1"> <thead> <tr> <th>WORK STANDARD</th> <th>PROD INSTRUC</th> <th>ASSY INSTRUC</th> </tr> </thead> <tbody> <tr> <td>WS126</td> <td>NA</td> <td>AI-677</td> </tr> </tbody> </table>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	WS126	NA	AI-677	DIMENSIONS ARE IN INCHES LINEAR $\pm .015$ ANGULAR $\pm 1/2^\circ$ FRACTION $\pm 1/32$ 1. MACHINE FINISH $\sqrt{R}$ 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.D. 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>HT</td> <td>11.03.08</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	HT	11.03.08	15:1	OL	<table border="1"> <thead> <tr> <th>DESIGN ENGR</th> <th>H.T.</th> <th>11.19.08</th> </tr> </thead> <tbody> <tr> <td>MFG ENGR</td> <td></td> <td></td> </tr> </tbody> </table>	DESIGN ENGR	H.T.	11.19.08	MFG ENGR			<b>CARLISLE</b> Interconnect Technologies Long Beach, CA 90815 TITLE: SMP FEMALE STRAIGHT TO TLL40-1130 FLEX CABLE SCALE: SUB-DIRECTORY FILE NAME SIZE: C 30990 DRAWING NO: P624-5CC SHEET 1 OF 1
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