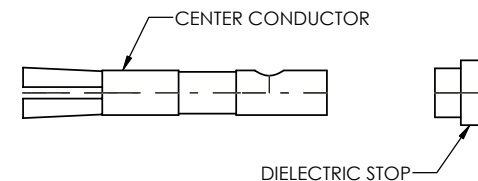
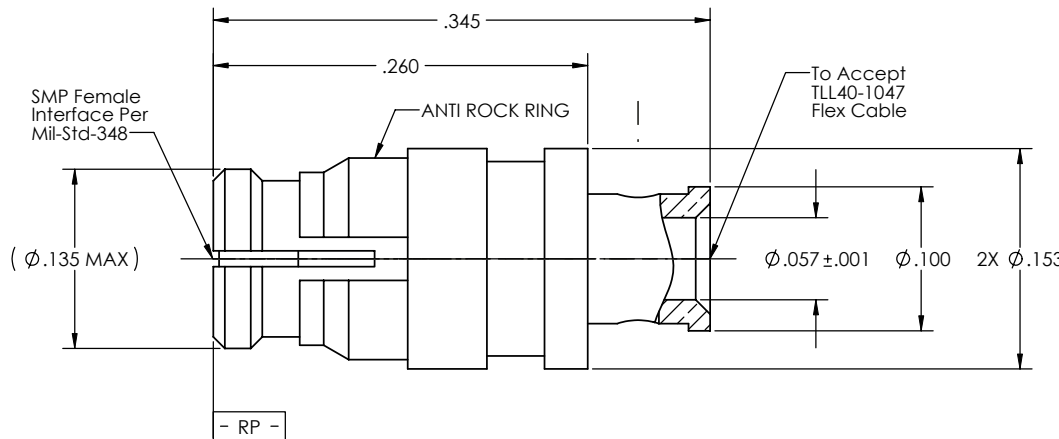
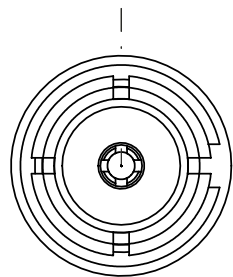
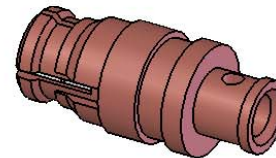


REVISIONS			
REV	DESCRIPTION	DATE	BY
-	INITIAL RELEASE	-	-



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

**PRELIMINARY**

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Center Conductor, Anti rock ring: BeCu Alloy per ASTM B-196  Insulator: PTFE Teflon per ASTM D-1710  Dielectric Stop: Polyamide-Imide Amoco Torlon No. 4203 Per MIL-P-46179A.	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz VSWR: 1.08 + .005 x f MAX GHz. Insertion Loss: .03 x √f (GHz) dB max 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 max DC to 3 GHz -65 dB max 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 Retention: Axial Force: 1.5 pounds min. Radial Torque: NA Connector Durability: Full Detent: 100 cycles. Limited Detent: 500 cycles. Smooth Bore: 1000 cycles.	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, for Detent Mating only. Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED				MATERIAL				SIZE				SPECIFICATION				PROCUREMENT																																			
	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	DIMENSIONS ARE IN INCHES LINEAR .XX ± .015 ANGULAR ± 1/2° FRACTION ± 1/32				1. MACHINE FINISH .8 RMS 2. BREAK ALL SHARP EDGES .03 MAX.				APPROVAL INITIALS				DATE				MATERIAL				DATE																															
Body, & Center Conductor: Gold plate per ASTM B-488, Type II, Code C or D, Class 1.25 over nickel under plated per SAE AMS-QQ-N-290, Class 1.  Anti Rock Ring: Gold plate per ASTM B-488, Type II, Code C, Class 0.25 over nickel under plated per SAE AMS-QQ-N-290, Class 1.	-	-	AI-365	3. MACHINED FILLETS .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 FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.				DRAWN BY HT 11.24.08				CHECKED BY				TEST ENGR				QUALITY				DESIGN ENGR HT 02.12.09				MFG ENGR				SCALE 15:1				CAGE CODE C 30990				SUB-DIRECTORY FILE NAME OL				DRAWING NO. P624-6CC				SHEET 1 OF 1				REV. -			