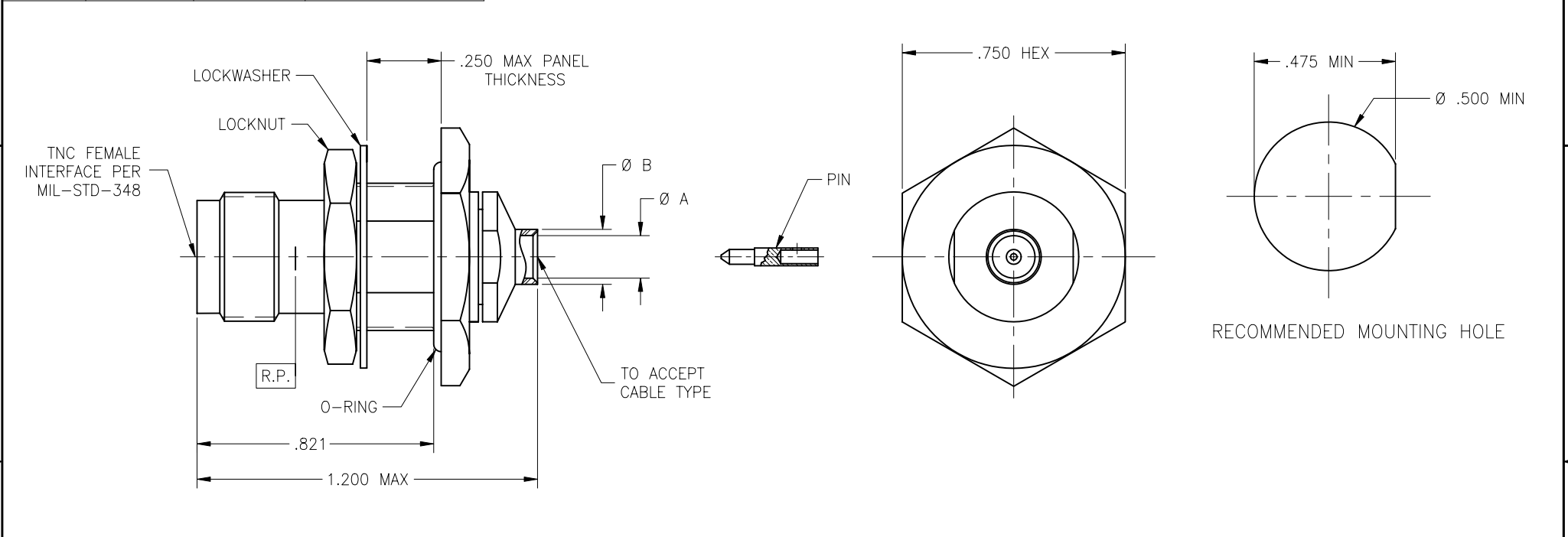


4				3	2	1					
P/N	Ø A	Ø B	CABLE TYPE				REVISIONS				
-1SF	.143 MIN	.185	Ø .141 S/R				ZONE	REV	DESCRIPTION	DATE	BY
-2SF	.088 MIN	.120	Ø .085 S/R				-	A	ECO 14508	05.09.02	DKN
-3SF	.143 MIN	.185	Ø .141 LOW LOSS				-	B	ECO 18173	05.05.05	RC
							-	C	ECO 23566	09.09.10	DKN



MATERIAL(S):	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Insulator: PTFE per ASTM D-1710. Insert (For -4CC & -4CCSF): BeCu alloy per ASTM B-196.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.25:1 max to 15GHz. Insertion Loss: .06 $\sqrt{f(\text{GHz})}$ dB max @ 3GHz. Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1,500 Vrms min. R.F. HiPot Voltage: 1,000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5,000 MegOhms min. R.F. Leakage: -(90 - fGHz) dB min. Contact Resistance: Center Conductor: Before Environment: 3.0 Milliohm max. After Environment: 4.0 Milliohm max. Outer Conductor: Before Environment: 2.0 Milliohm max. After Environment: NA	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Conductor Captivation: Axial: 6 lbs min @ Front end; 3 lbs max @ Rear end. Radial: 4 Inch Ounces max.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. C. Moisture Resistance: Mil-Std-202, Method 106, No measurements at high humidity. Insulation resistance shall be 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. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH(ES):	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	SEE NOTES	SIZE	SPECIFICATION	PROCUREMENT
Body: Passivate per ASTM A-967. Insert & Center Conductor: Gold plate per ASTM B-488, Type II, Code C or D, Class 1.25, over nickel under plate per SAE AMS-QQ-N-290, Class 1.	WORK STD NA PROD INST NA ASSY INST NA	DIMENSIONS ARE IN INCHES. LINEAR .XX $\pm$.015 ANGULAR $\pm$ 1/2° FRACTION $\pm$ 1/32 1. MACHINE FINISH: 63 $\sqrt$ 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 APPROVAL INITIALS DATE DRAWN BY ATV 02.06.02 CHECKED BY TEST ENGG QUALITY DESIGN ENGG DNG. 09.15.10 MFG ENGG	4/1 C	CARLISLE Interconnect Technologies Long Beach, CA 90815 TITLE TNC FEMALE BULKHEAD FEEDTHROUGH STRAIGHT TO SEMI-RIGID CABLE SCALE SUB-DIRECTORY\FILENAME OL SHEET 1 OF 1 REV.	9011 C