



MATERIAL(S): Bodies: 303 sst per ASTM A-582. Center Conductor & Insert: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710.	ELECTRICAL(S): Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005 f GHz. Insertion Loss: .03 √f(GHz). Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 1000 MegOhms min. R.F. Leakage: -(80 - fGHz). Contact Resistance: Initial: Center Contact: 2.5 Milliohm max. Outer Contact: 2.0 Milliohm max.	MECHANICAL(S): Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Longitudinal Force: 2.5 pounds max Connector Durability: 5000 mate/demate cycles Permeability: Less than 2.0 mu.	ENVIRONMENTAL(S): Temperature 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 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. D. Shock: Mil-Std-202, Method 213, Test Cond. I.
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FINISH(ES): Flange & Body: Passivate per ASTM A-967. Center Conductor & Body: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	APPLICABLE CARLISLE IT DOCUMENTS <table border="1"> <tr> <th>WORK STD</th> <th>PROD INST</th> <th>ASSY INST</th> </tr> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	NA	TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGLULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: R _A / 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 11-20 9. REMOVE FINISHED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <tr> <td colspan="2">APPROVAL INITIALS</td> <td colspan="2">DATE</td> </tr> <tr> <td>DRAWN BY</td> <td>DKN</td> <td colspan="2">12.05.06</td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>TEST ENGG</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>QUALITY</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>DESIGN ENGG</td> <td>PCV</td> <td colspan="2">12.05.06</td> </tr> <tr> <td>MFG ENGG</td> <td></td> <td colspan="2"></td> </tr> </table> <table border="1"> <tr> <th>MATERIAL</th> <th>SIZE</th> <th>SPECIFICATION</th> <th>PROCUREMENT</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>CARLISLE Interconnect Technologies Cerritos, CA 90703</p> <table border="1"> <tr> <td colspan="2">TITLE</td> <td colspan="2">SHEET</td> </tr> <tr> <td colspan="2">TMP FEMALE BULKHEAD TO SEMI-RIGID CABLE</td> <td colspan="2">1 OF 1</td> </tr> <tr> <td>SCALE</td> <td>SUB-DIRECTORY/FILENAME</td> <td colspan="2"></td> </tr> <tr> <td>6/1</td> <td>OL_\</td> <td colspan="2"></td> </tr> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DRAWING NO.</td> <td>REV.</td> </tr> <tr> <td>C</td> <td>30990</td> <td>MP503</td> <td>-</td> </tr> </table>	APPROVAL INITIALS		DATE		DRAWN BY	DKN	12.05.06		CHECKED BY				TEST ENGG				QUALITY				DESIGN ENGG	PCV	12.05.06		MFG ENGG				MATERIAL	SIZE	SPECIFICATION	PROCUREMENT					TITLE		SHEET		TMP FEMALE BULKHEAD TO SEMI-RIGID CABLE		1 OF 1		SCALE	SUB-DIRECTORY/FILENAME			6/1	OL_\			SIZE	CAGE CODE	DRAWING NO.	REV.	C	30990	MP503	-
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