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<table><tr><td>P/N</td><td>(ϕ A)</td><td>(ϕ B)</td><td>CABLE TYPES</td></tr><tr><td>-1CCSF</td><td>.145</td><td>.180</td><td>ϕ .141 SEMI-RIGID</td></tr><tr><td>-2CCSF</td><td>.086</td><td>.120</td><td>ϕ .085 SEMI-RIGID</td></tr><tr><td>-3CCSF</td><td>.145</td><td>.180</td><td>ϕ .141 MICROPOROUS</td></tr></table>				P/N	(ϕ A)	(ϕ B)	CABLE TYPES	-1CCSF	.145	.180	ϕ .141 SEMI-RIGID	-2CCSF	.086	.120	ϕ .085 SEMI-RIGID	-3CCSF	.145	.180	ϕ .141 MICROPOROUS							
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NOTE(S): 1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.																										
MATERIAL(S):				ELECTRICAL(S):		MECHANICAL(S):		ENVIROMENTAL(S):																		
BODY (FLANGE & CABLE): 303 SST PER ASTM-A-582. RETAINING RING: 303 SST PER ASTM A-582. CENTER CONDUCTOR & INSERT SLEEVE: BeCu ALLOY PER ASTM B-196. SPRING FINGER & SHIM: BeCu ALLOY PER ASTM B-196. INSULATOR: PTFE PER ASTM D-1710. EPOXY: SIGMA VF TYPE HV. SPRING: MUSIC WIRE.				IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 22 GHz. VSWR: 1.15:1 MAX TO 22 GHz. INSERTION LOSS: .03√f(GHz) dB WORKING VOLTAGE: 335 Vrms MIN. DIELECTRIC WITHSTANDING VOLTAGE: 1000 Vrms MIN. R.F. HIPOT VOLTAGE: 670 Vrms MIN @ 5MHz. CORONA LEVEL: 250 Vrms @70,000 ft. INSULATION RESISTANCE: 5000 MEGOHMS MIN. R.F. LEAKAGE: -(90 - fGHz). CONTACT RESISTANCE: CENTER CONTACT: 2.0 Milliohms MAX. OUTER CONTACT: 2.0 Milliohms MAX. OUTER CONTACT TO CABLE: 0.5 Milliohm MAX.		MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: ENGAGE: 3.5 LBS MAX. DISENGAGE: 2.2 LBS MAX. CENTER CONTACT RETENTION: AXIAL FORCE: 6 POUNDS MIN. BOTH DIRECTIONS. CONNECTOR DURABILITY: 500 CYCLES MIN @ 12 CYCLES/MINUTE MAX. PERMEABILITY: LESS THAN 2.0 mu RADIAL FLOAT: .020 MIN AXIAL FLOAT: .060 MIN		TEMPERATURE RANGE: -65 °C TO +125 °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 MINUTE 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(ES):						TOLERANCES AND NOTES		-		-																
BODY FLANGE: PASSIVATE PER ASTM A-967, NITRIC 1. CENTER CONDUCTOR, SLEEVE, SPRING FINGER & SHIM: GOLD PLATE PER ASTM B-488; OVER NICKEL UNDERPLATE PER AMS-QQ-N-290.						EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 / .XXX ±.005 FRACTION ± 1/32 ANGULAR ± 1/2° 1. INTERPRET DRAWING PER ASME Y14.5 - 2018 2. MACHINE FINISH: 63 RMS 3. 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 AFTER PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.		-		-																
								MATERIAL		SPECIFICATION		PROCUREMENT														
								APPROVAL INITIALS DATE		TITLE		SHEET 1 OF 1														
SEE ECO FOR APPROVAL SIGNATURES						DRAWN BY ATV 03/06/02		Amphenol CDI 12900 Alondra Blvd. Cerritos, CA 90703		SCALE 6:1																
CAGE CODE 30990						DRAWING NO. 623		REV. C																		

ENG-SW REV. L

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