

4		3		2		1					
P/N		"A" CABLE TYPE		REVISION HISTORY							
-1CC		Ø .141 SEMI-RIGID CABLE		REV.		DESCRIPTION		DRAWN BY		DATE	
-1CCSF		Ø .141 SEMI-RIGID CABLE		A		ECO 22661		DKN		11.24.09	
-2CC		Ø .085 SEMI-RIGID CABLE		B		ECO 206125 (REDRAWN IN SW)		PAW		06.16.26	
-2CCSF		Ø .085 SEMI-RIGID CABLE									
-4CC		Ø .118 SEMI-RIGID CABLE									
-4CCSF		Ø .118 SEMI-RIGID CABLE									
NOTE: 1. ALL COMPONETS SHALL BE PACKAGED AND SHIPPED UNASSEMBLED. 2. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.											
MATERIAL(S):		ELECTRICAL(S):		MECHANICAL(S):		ENVIROMENTAL(S):					
BODY, LOCKNUT AND RETAINING NUT: 303 SST PER ASTM A-582. SLEEVE: 303 SST PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. BEAD: POLYMETHYLPENTENE (PMP) LOCKWASHER: STAINLESS STEEL 410		IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 40 GHz. VSWR: 1.05 + .005 x f MAX TO 40 GHz. INSERTION LOSS: .04√f(GHz) dB MAX. WORKING VOLTAGE: 500 Vrms MAX@SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 1500 Vrms R.F. HiPOT VOLTAGE: 1000 Vrms MIN @ 5MHz CORONA LEVEL: 375 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5000 MEGOHMS MIN. R.F. LEAKAGE: -90 dB MIN FROM 2-3 GHz. CONTACT RESISTANCE: INITIAL: CENTER CONTACT: 3.0 Milliohm MAX. OUTER CONTACT: 2.0 Milliohm MAX. AFTER ENVIRONMENT: CENTER CONTACT: 4.0 Milliohm MAX. OUTER CONTACT: NA.		MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: TORQUE: 2 INCH-POUNDS MAX. LONGITUDINAL FORCE: NA. CONNECTOR DURABILITY: 500 CYCLE MIN @ 12 CYCLES/MINUTE MAX. PERMEABILITY: LESS THAN 2.0 mu.		OPERATING TEMPERATURE: -55 °C TO +165 °C. THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND. B, EXCEPT HIGH TEMPERATURE WILL BE +150 °C. 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.					
FINISH(ES):				TOLERANCES AND NOTES		-		-		-	
BODY, RETAINING RING, LOCKNUT & LOCKWASHER: (for SF's): PASSIVATE PER ASTM A-697. (for CC's): GOLD PLATE PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-QQ-M-290. CENTER CONDUCTOR & SLEEVE: GOLD PLATER PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-QQ-N-290.				APPLICABLE Amphenol CDI DOCUMENTS		-		-		-	
				WORK STANDARD		PROD INSTRUC		ASSY INSTRUC		-	
				NA		NA		NA		-	
										-	
				THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AMPHENOL AND SHALL IN NO WAY BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM AMPHENOL.							
				RoHS 3 Compliant EU 2015/863							
				SEE ECO FOR APPROVAL SIGNATURES							
				APPROVAL INITIALS		DATE		SPECIFICATION		PROCUREMENT	
				DRAWN BY		RC		03/13/02		Amphenol CDI 12900 Alondra Blvd. Cerritos, CA 90703	
				TITLE		SMK FEMALE STRAIGHT BULKHEAD TO SEMI-RIGID CABLE		SCALE		SHEET 1 OF 1	
				SIZE		CAGE CODE		DRAWING NO.		REV.	
				6:1		30990		200		B	