

4			3			2			1																																												
<table><tr><td>P/N</td><td>(Ø A)</td><td>SMP INTERFACE</td></tr><tr><td>P913-1CCSF</td><td>.116</td><td>FULL DETENT</td></tr><tr><td>P913-2CCSF</td><td>.120</td><td>LIMITED DETENT</td></tr><tr><td>P913-3CCSF</td><td>.125</td><td>SMOOTH BORE</td></tr></table>			P/N	(Ø A)	SMP INTERFACE	P913-1CCSF	.116	FULL DETENT	P913-2CCSF	.120	LIMITED DETENT	P913-3CCSF	.125	SMOOTH BORE				<table><tr><th colspan="5">REVISION HISTORY</th></tr><tr><th>ECO</th><th>REV.</th><th>DESCRIPTION</th><th>DRAWN BY</th><th>DATE</th></tr><tr><td>11678</td><td>C</td><td>-</td><td>IMG</td><td>05.23.00</td></tr><tr><td>12057</td><td>D</td><td>-</td><td>DKN</td><td>08.02.00</td></tr><tr><td>22215</td><td>E</td><td>-</td><td>DKN</td><td>05.18.09</td></tr><tr><td>206517</td><td>F</td><td>REDRAWN IN SW</td><td>PAW</td><td>08.28.26</td></tr></table>			REVISION HISTORY					ECO	REV.	DESCRIPTION	DRAWN BY	DATE	11678	C	-	IMG	05.23.00	12057	D	-	DKN	08.02.00	22215	E	-	DKN	05.18.09	206517	F	REDRAWN IN SW	PAW	08.28.26			
P/N	(Ø A)	SMP INTERFACE																																																			
P913-1CCSF	.116	FULL DETENT																																																			
P913-2CCSF	.120	LIMITED DETENT																																																			
P913-3CCSF	.125	SMOOTH BORE																																																			
REVISION HISTORY																																																					
ECO	REV.	DESCRIPTION	DRAWN BY	DATE																																																	
11678	C	-	IMG	05.23.00																																																	
12057	D	-	DKN	08.02.00																																																	
22215	E	-	DKN	05.18.09																																																	
206517	F	REDRAWN IN SW	PAW	08.28.26																																																	
NOTE(S): 1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.																																																					
MATERIAL(S):			ELECTRICAL(S):			MECHANICAL(S):			ENVIROMENTAL(S):																																												
BODY (SMA & SMP) & COUPLING NUT: 303 SST PER ASTM A-582. RETAINING RING & CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. GASKET: SILICONE PER A-A-59588. INSULATOR: PTFE PER ASTM D-1710. EPOXY: LOCTITE.			IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 18 GHz. VSWR: 1.15: 1 MAX TO 18 GHz. INSERTION LOSS: 0.25 dB MAX TO 18 GHz. WORKING VOLTAGE: 600 Vrms MAX @ SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms MIN. R.F. HiPOT VOLTAGE: 325 Vrms MIN @ 5MHz. CORONA LEVEL: 190 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5000 MEGOHMS MIN. CONTACT RESISTANCE: CENTER CONTACT: 10.0 mOHM MAX. OUTER CONTACT: 2.0 mOHM MAX. R.F. LEAKAGE: -60 dB MAX AT 18 GHz.			MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE FOR SMA: TORQUE: 2 INCH-POUNDS MAX. LONGITUDINAL: NA. FORCE TO ENGAGE & DISENGAGE FOR SMP: ENGAGE: FULL DETENT: 15.0 lbs MAX. LIMITED DETENT: 10.0 lbs MAX. SMOOTH BORE: 2.0 lbs. MAX. DISENGAGE: FULL DETENT: 5.0 lbs MIN. LIMITED DETENT: 2.0 lbs MIN. SMOOTH BORE: .50 lbs. MIN. CENTER CONTACT RETENTION: 2 lbs MIN. AXIAL FORCE FOR SMA CONN. 1.5 lbs MIN AXIAL FORCE FOR SMP CONN. CONNECTOR DURABILITY: 100 CYCLES MIN.			TEMPERATURE RANGE: -65 °C TO +165 °C. THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND. B. MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B SHALL BE OMITTED. INSULATION RESISTANCE AT LEAST 1000 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 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 MACHINE FINISH: 63 RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECT-IVE 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.			<table><tr><td colspan="3">-</td></tr><tr><td colspan="3">MATERIAL</td></tr><tr><td>APPROVAL</td><td>INITIALS</td><td>DATE</td></tr><tr><td>DRAWN BY</td><td>ATV</td><td>08/26/99</td></tr><tr><td colspan="3">SEE ECO FOR APPROVAL SIGNATURES</td></tr></table>			-			MATERIAL			APPROVAL	INITIALS	DATE	DRAWN BY	ATV	08/26/99	SEE ECO FOR APPROVAL SIGNATURES			<table><tr><td colspan="2">-</td></tr><tr><td colspan="2">SPECIFICATION</td></tr><tr><td colspan="2">PROCUREMENT</td></tr></table>		-		SPECIFICATION		PROCUREMENT		<table><tr><td colspan="2">-</td></tr><tr><td colspan="2">12900 Alondra Blvd. Cerritos, CA 90703</td></tr></table>		-		12900 Alondra Blvd. Cerritos, CA 90703														
-																																																					
MATERIAL																																																					
APPROVAL	INITIALS	DATE																																																			
DRAWN BY	ATV	08/26/99																																																			
SEE ECO FOR APPROVAL SIGNATURES																																																					
-																																																					
SPECIFICATION																																																					
PROCUREMENT																																																					
-																																																					
12900 Alondra Blvd. Cerritos, CA 90703																																																					
BODY (SMA MALE): PASSIVATE PER ASTM A-967, NITRIC. BODY (SMP MALE) & CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488, TYPE II, CODE C, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.						APPLICABLE Amphenol CDI DOCUMENTS			Amphenol CDI																																												
						<table><tr><th>WORK STANDARD</th><th>PROD INSTRU</th><th>ASSY INSTRU</th></tr><tr><td>NA</td><td>NA</td><td>NA</td></tr></table>						WORK STANDARD	PROD INSTRU	ASSY INSTRU	NA	NA	NA																																				
WORK STANDARD	PROD INSTRU	ASSY INSTRU																																																			
NA	NA	NA																																																			
RoHS 3 Compliant EU 2015/863						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.			SMA MALE STRAIGHT TO SMP MALE ADAPTER																																												
									SCALE 10:1		SHEET 1 OF 1																																										
									SIZE C CAGE CODE 30990		DRAWING NO. P913																																										
											REV. F																																										
ENG-SW REV. L			3			2			1																																												