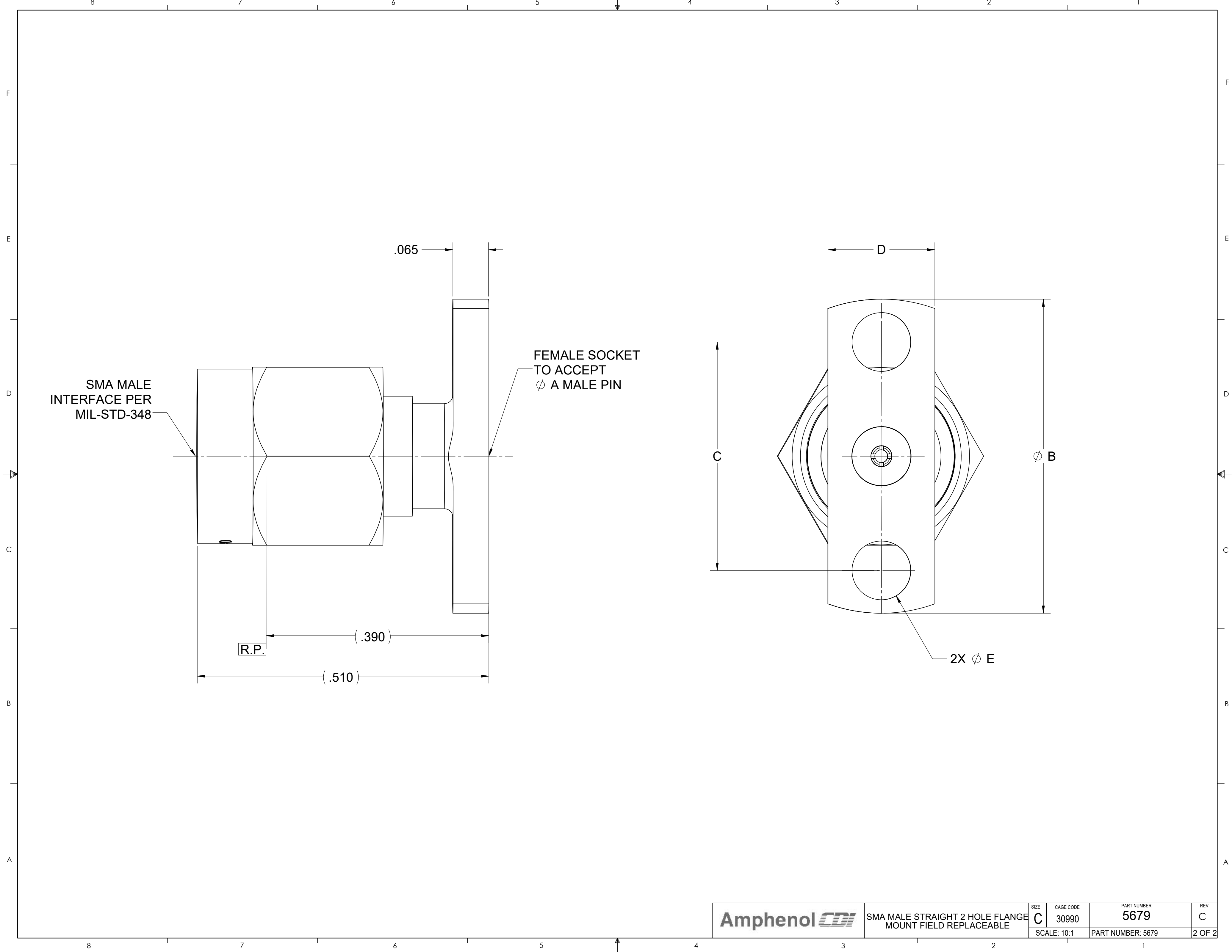


4						3						2						1											
D	P/N	∅ A	∅ B	C	D	∅ E											REVISION HISTORY												
	5679-2CC	.0200 ±.0005	(.500)	(.400)	(.187)	(.103)											ECO	REV.	DESCRIPTION	DRAWN BY	DATE								
	5679-2CCSF																14641	A	-	ATV	06.20.02								
	5679-2CCNP																20129	B	-	DKN	04.10.07								
	5679-3CC	.0100 ±.0005	(.500)	(.400)	(.187)	(.103)											206463	C	REDRAWN IN SW	PAW	08.25.26								
	5679-3CCSF																												
	5679-3CCNP																												
	5679-4CC	.0120 ±.0005	(.500)	(.400)	(.187)	(.103)																							
	5679-4CCSF																												
	5679-4CCNP																												
5679-5CC	.0150 ±.0005	(.500)	(.400)	(.187)	(.103)																								
5679-5CCSF																													
5679-5CCNP																													
5679-6CC	.0180 ±.0005	(.500)	(.400)	(.187)	(.103)																								
5679-6CCSF																													
5679-6CCNP																													
5679-7CC	.0200 ±.0005	(.480)	(.346)	(.173)	(.070)																								
5679-7CCSF																													
5679-7CCNP																													
NOTE(S):																													
1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.																													
MATERIAL(S):				ELECTRICAL(S):				MECHANICAL(S):				ENVIROMENTAL(S):																	
BODY & COUPLING NUT: 303 SST PER ASTM A-582. CENTER CONDUCTOR & RETAINING RING: BeCu ALLOY PER ASTM B-196. INSULATOR: PTFE PER ASTM D-1710. GASKET: SILICONE RUBBER PER A-A-59588.				IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 26.0 GHZ. VSWR: 1.06 + .005 x f(GHZ). INSERTION LOSS: .03 √f(GHZ). WORKING VOLTAGE: 335 Vrms MAX@SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 1,000 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: INITIAL: CENTER CONTACT: 3.0 mOHMS MAX. OUTER CONTACT: 2.0 mOHMS MAX. AFTER ENVIRONMENT: CENTER CONTACT: 4.0 mOHMS MAX. OUTER CONTACT: 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 CONTACT CAPTIVATION: AXIAL FORCE FROM INTERFACE: 6 POUNDS MIN AXIAL FORCE FROM REAR END: 3 POUNDS MIN. TORQUE: 4 INCH-OUNCES 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 1,000 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.				-		-		-															
BODY & COUPLING NUT: (for CCSF): PASSIVATE PER ASTM A-967. (for CC): GOLD PLATE PER ASTM B-488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290. (for CCNP): NICKEL PLATE PER AMS-QQ-N-290. CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.										MATERIAL		SPECIFICATION		PROCUREMENT															
										APPROVAL	INITIALS	DATE	Amphenol 		12900 Alondra Blvd. Cerritos, CA 90703														
										DRAWN BY	ATV	05/13/02	SEE ECO FOR APPROVAL SIGNATURES		TITLE SMA MALE STRAIGHT 2 HOLE FLANGE MOUNT FIELD REPLACEABLE														
RoHS 3 Compliant EU 2015/863						SIZE		CAGE CODE	DRAWING NO.		SHEET 1 OF 2		REV.																
						C		30990	5679				C																
ENG-SW REV. L						4						3						2						1					



SMA MALE
INTERFACE PER
MIL-STD-348

FEMALE SOCKET
TO ACCEPT
Ø A MALE PIN

R.P.

2X Ø E

Amphenol <i>CDI</i>	SMA MALE STRAIGHT 2 HOLE FLANGE MOUNT FIELD REPLACEABLE	SIZE C	CAGE CODE 30990	PART NUMBER 5679	REV C
		SCALE: 10:1		PART NUMBER: 5679	2 OF 2