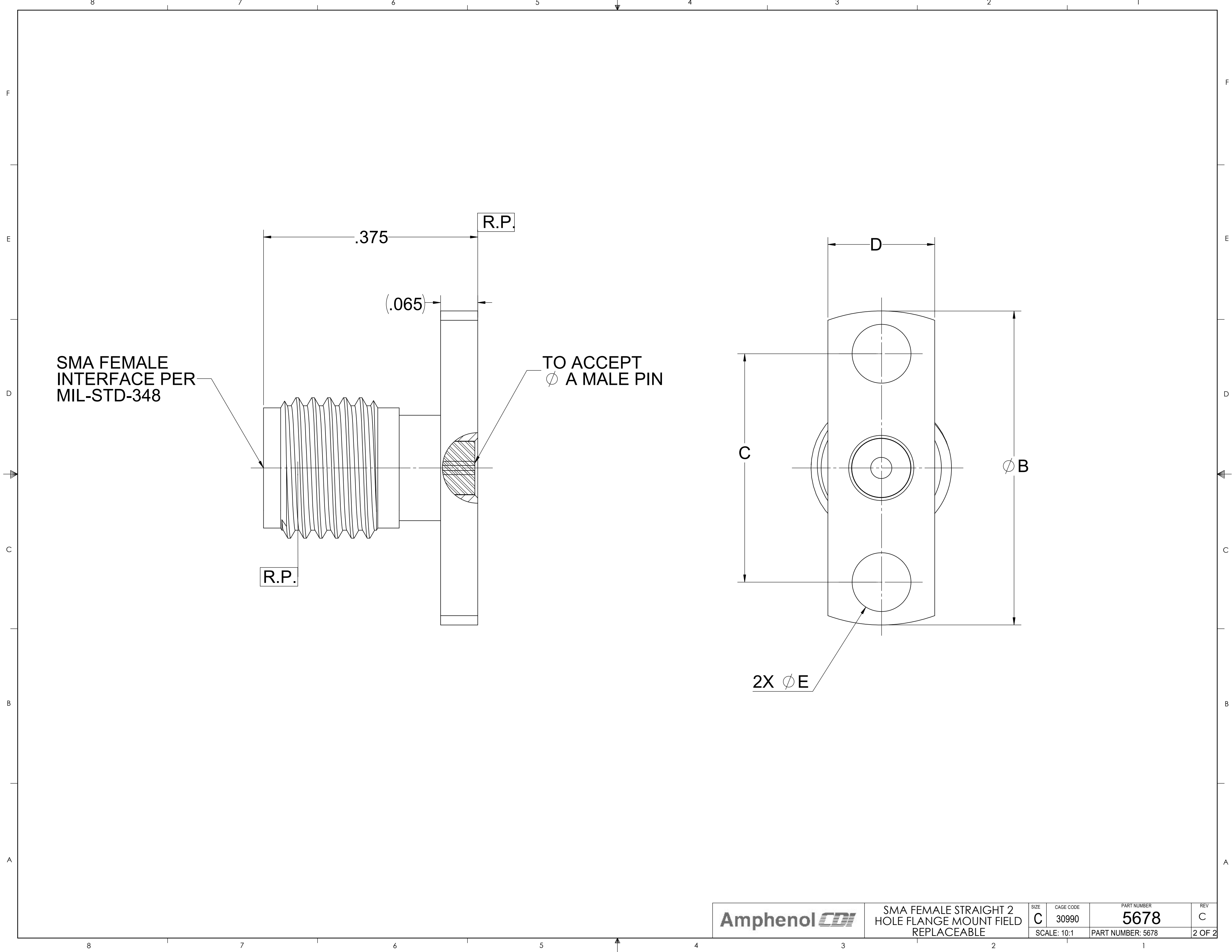


4						3						2						1								
D	P/N	∅ A	∅ B	C	D	∅ E	REVISION HISTORY										ECO		REV.	DESCRIPTION		DRAWN BY	DATE			
	-2CC	.0200 ±.0005	.550	.400	.187 ±.003	.103 ±.003											19455	A	INITIAL RELEASE		P. MAO	08.07.06				
	-2CCSF																202352	B	ADD NEW NAME		DKN	11.21.24				
	-2CCNP																205812	C	REDRAWN IN SW		PAW	06.24.26				
	-3CC	.0100 ±.0005	.550	.400	.187 ±.003	.103 ±.003																				
	-3CCSF																									
	-3CCNP																									
	-4CC	.0120 ±.0005	.550	.400	.187 ±.003	.103 ±.003																				
	-4CCSF																									
	-4CCNP																									
-5CC	.0150 ±.0005	.550	.400	.187 ±.003	.103 ±.003																					
-5CCSF																										
-5CCNP																										
-6CC	.0180 ±.0005	.550	.400	.187 ±.003	.103 ±.003																					
-6CCSF																										
-6CCNP																										
-7CC	.0200 ±.0005	.480	.346	.173 ±.003	.070 ±.003																					
-7CCSF																										
-7CCNP																										
NOTE(S): 1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.																										
MATERIAL(S):						ELECTRICAL(S):						MECHANICAL(S):						ENVIROMENTAL(S):								
BODY: SST 303 PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. INSULATOR: PTFE PER ASTM D-1710.						IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 26.0 GHz. VSWR: 1.06 + .005 x f(GHz). INSERTION LOSS: .03 √f(GHz) dB. 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 dB MIN AT 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 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 SHALL BE 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 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.						-		-		-				
BODY: (for CCSF): PASSIVATE PER ASTM A-967. (for CC): GOLD PLATER PER ASTM B-488, OVER NICKEL UNDER PLATE PER AMS-QQ-290. (for CCNP): NICKEL PLATER PER AMS-QQ-N-290. CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.																								MATERIAL		SPECIFICATION
APPROVAL INITIALS DATE												DRAWN BY DKN 08/07/06		SEE ECO FOR APPROVAL SIGNATURES		TITLE SMA FEMALE STRAIGHT 2 HOLE FLANGE MOUNT FIELD REPLACEABLE SCALE 10:1		SHEET 1 OF 2		REV. C						
APPLICABLE Amphenol CDI DOCUMENTS												DRAWN BY										DRAWING NO.				
WORK STANDARD PROD INSTRU ASSY INSTRU												DRAWN BY										DRAWING NO.				
NA NA NA												DRAWN BY		DRAWING NO.		REV. C										
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.												DRAWN BY		DRAWING NO.		REV. C										
RoHS 3 Compliant EU 2015/863												DRAWN BY		DRAWING NO.		REV. C										
ENG-SW REV. L						3						2						1								



SMA FEMALE
INTERFACE PER
MIL-STD-348

TO ACCEPT
A MALE PIN