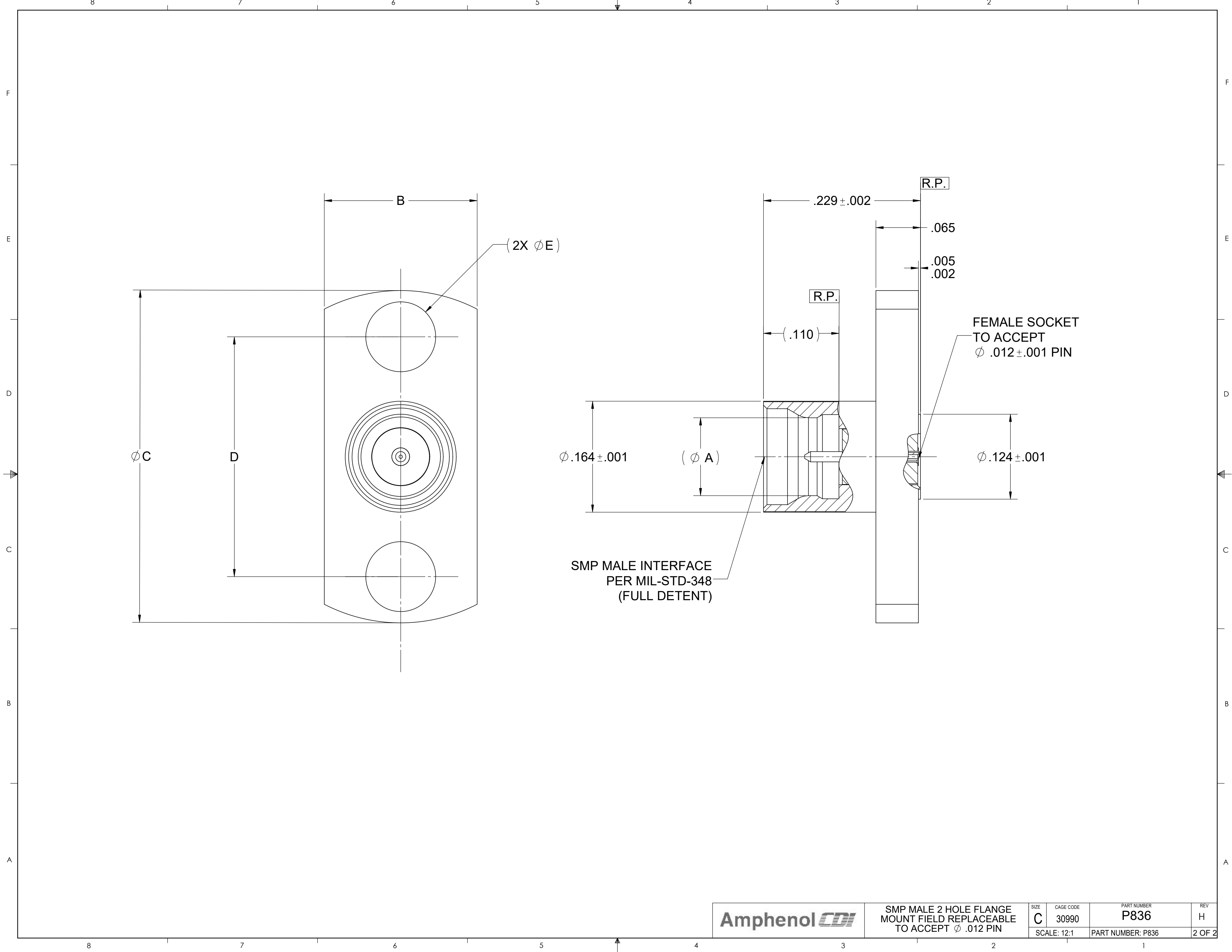


4			3				2				1				
D	P/N	INTERFACE(S)	∅ A	B	∅ C	D	∅ E	REVISION HISTORY ECO 20184 21010 26263 206542 REV. E F G H DESCRIPTION - - CHG TITLE REDRAWN IN SW DRAWN BY DKN DKN DKN PAW DATE 04.24.07 02.19.08 10.05.12 09.10.26							
	P836-1CC	FULL DETENT	(.116)	.165	.625	.481 ±.002	.075/.080								
	P836-1CCSF														
	P836-2CC	LIMITED DETENT	(.120)												
	P836-2CCSF														
	P836-3CC	SMOOTH BORE	(.125)												
	P836-3CCSF														
	P836-4CC	FULL DETENT	(.116)	.223	.625	.481 ±.002	.075/.080								
	P836-4CCSF														
	P836-5CC	LIMITED DETENT	(.120)												
P836-5CCSF															
P836-6CC	SMOOTH BORE	(.125)													
P836-6CCSF															
P836-7CC	FULL DETENT	(.116)	.223	.485	.350 ±.002	.102 ±.003									
P836-7CCSF															
P836-8CC	LIMITED DETENT	(.120)													
P836-8CCSF															
P836-9CC	SMOOTH BORE	(.125)													
P836-9CCSF															
NOTE(S): 1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.															
B	MATERIAL(S): BODY: 303 SST PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. INSULATOR: PTFE PER ASTM D-1710.			ELECTRICAL(S): IMPEDNCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 18 GHz. VSWR: 1.02 + .012f (GHz). INSERTION LOSS: .30√f(GHz). WORKING VOLTAGE: 335 Vrms @ SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms R.F. HiPOT VOLTAGE: 325 Vrms MIN @ 5MHz. CORONA LEVEL: 125 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5,000 MEGOHMS CONTACT RESISTANCE: CENTER CONTACT: 2.0 mOHMS RF LEAKAGE: -80 dB TO 3GHz MIN. -65 dB FROM 3 TO 18GHz MIN.			MECHANICAL(S): INTERFACE DIMENSIONS: MIL-STD-348. CONNECTOR DURABILITY: DEPEND ON DETENT. FORCE TO ENGAGE: FULL DETENT: 10 lbs. LIMIT DETENT: 8 lbs. SMOOTH BORE: 1 lb. FORCE TO DISENGAGE: FULL DETENT: 5 lbs. LIMIT DETENT: 2 lbs. SMOOTH BORE: .5 lb.			ENVIROMENTAL(S): 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): CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488, OVER NICKEL UNDERPLATE PER AMS-QQ-N-290. BODY: (for CCSF): PASSIVATED PER ASTM A-967 or AMS-QQ-P-35. (for CC): GOLD PLATE PER ASTM B-488 OVER NICKEL UNDERPLATE PER AMS-QQ-N-290.			APPLICABLE Amphenol CDI DOCUMENTS WORK STANDARD NA PROD INSTRUC NA ASSY INSTRUC NA			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.			- MATERIAL APPROVAL INITIALS DATE DRAWN BY DKN 03/15/00 SEE ECO FOR APPROVAL SIGNATURES		- SPECIFICATION PROCUREMENT 12900 Alondra Blvd. Cerritos, CA 90703			
A			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.			TITLE SMP MALE 2 HOLE FLANGE MOUNT FIELD REPLACEABLE TO ACCEPT ∅ .012 PIN SCALE 12:1 SHEET 1 OF 2 SIZE C CAGE CODE 30990 DRAWING NO. P836 REV. H		A				
ENG-SW REV. L			3				2				1				



SMP MALE 2 HOLE FLANGE
MOUNT FIELD REPLACEABLE
TO ACCEPT ϕ .012 PIN

SIZE	CAGE CODE	PART NUMBER	REV
C	30990	P836	H
SCALE: 12:1		PART NUMBER: P836	2 OF 2