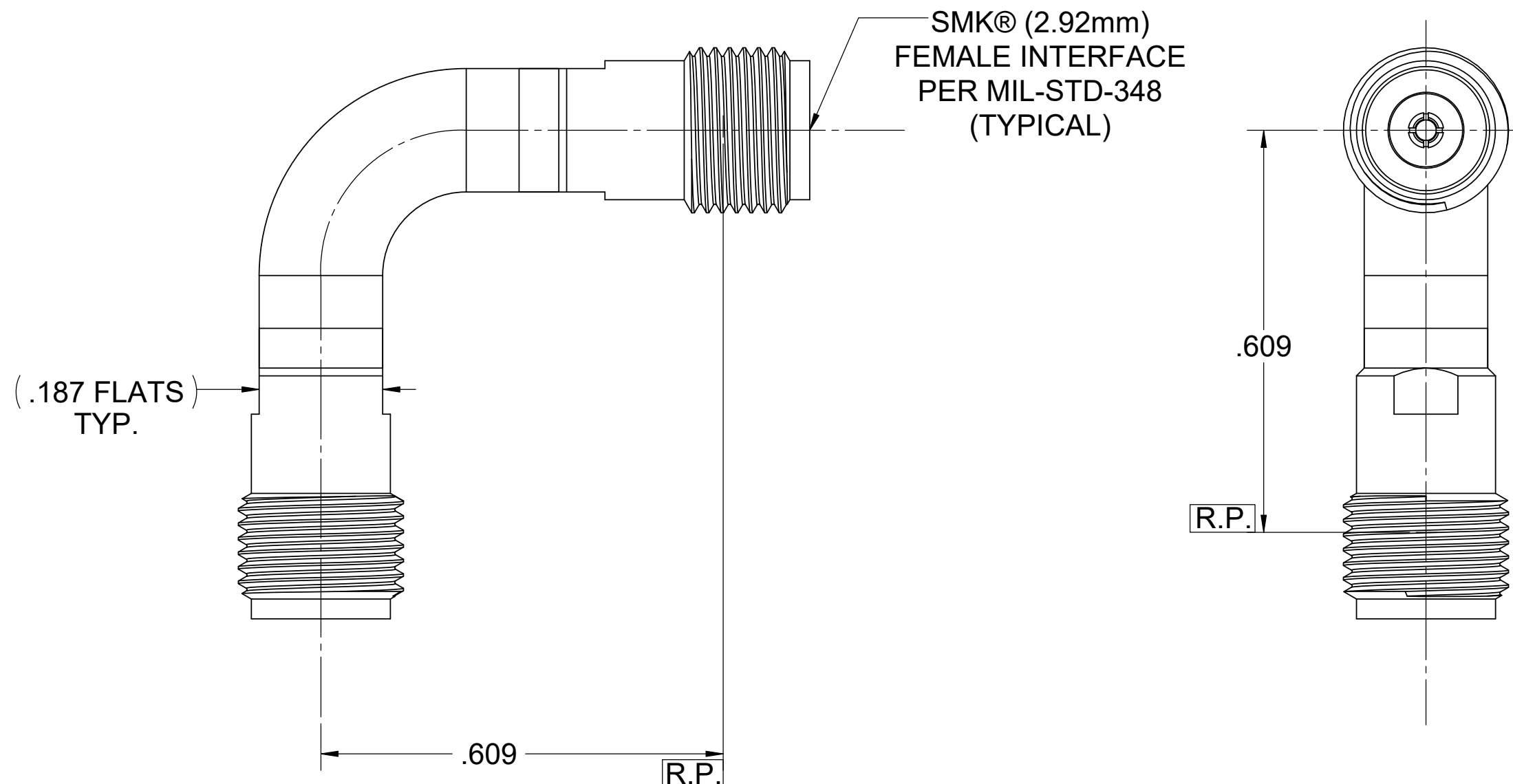


P/N		REVISION HISTORY			
		REV.	DESCRIPTION	DRAWN BY	DATE
CC		B	ECO 21464	DKN	07.23.08
		C	ECO 14700	AGS	07.15.02
CCSF		D	ECO 21465	DKN	08.05.08
		E	ECO 206125 (REDRAWN IN SW)	PAW	06.16.26



NOTE(S):

1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIROMENTAL(S):
BODY: 303 SST PER ASTM A-582. RIGHT ANGLE BODY: 304 SST PER MIL-T-8504 or AMS 5567. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. DIELECTRIC: PTFE PER ASTM B-1710. BEAD: (HIGH PERFORMANCE APPLICATION). EPOXY: SIGMA VARY FLEX TYPE HV.	IMPEDANCE: 50 Ohms NOMINAL. FREQUENCY RANGE: DC TO 40.0 GHz. VSWR: 1.50:1 MAX TO 50 GHz. INSERTION LOSS: .50 dB MAX TO 40 GHz WORKING VOLTAGE: 500 Vrms MAX @SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 1,500 Vrms MIN. R.F. HiPOT VOLTAGE: 1,000 Vrms MIN @ 5MHz. CORONA LEVEL: 375 Vrms @70,000 FT. INSULATION RESISTANCE: 5,000 MEGOHMS MIN. R.F. LEAKAGE: -90 dB MIN FROM 2 TO 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. LONGITUDIAL 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: 6 PUNDS MIN. TORQUE: 4 INCH-OUNCES MIN.	TEMPERATURE RANGE: -65°C TO +165°C. THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND. B. TEMPERATURE CYCLE: MIL-STD-202, METHOD 102, TEST COND. 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 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, R/A BODY AND COUPLING NUT: (for CCSF's) PASSIVATE PER ASTM A-967. (for CC's) GOLD PLATE PER ASTM B-488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290. CENTER CONDUCTION: GOLD PLATE PER ASTM-B488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.										APPLICABLE Amphenol CDI DOCUMENTS										MATERIAL										SPECIFICATION										PROCUREMENT																													
										WORK STANDARD					PROD INSTRUC					ASSY INSTRUC					APPROVAL INITIALS					DATE					Amphenol CDI 12900 Alondra Blvd. Cerritos, CA 90703																																		
										NA					NA					NA					DRAWN BY					ATV															06/12/97																								
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.										SEE ECO FOR APPROVAL SIGNATURES										TITLE SMK (2.92mm) FEMALE TO SMK FEMALE RADIUS RIGHT ANGLE ADAPTER										SCALE 5:1										SHEET 1 OF 1										SIZE C CAGE CODE 30990 DRAWING NO. 222 REV. E									