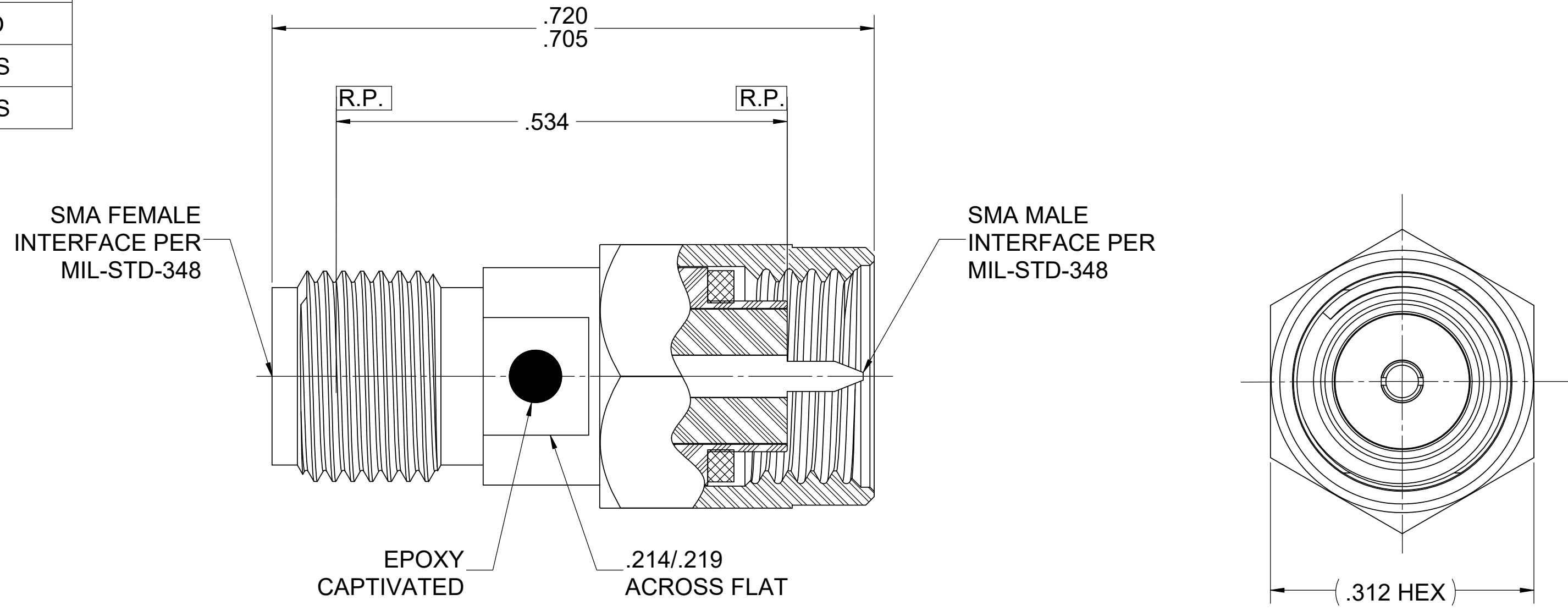


P/N	CONDUCTIVE EPOXY	REVISION HISTORY				
		ECO	REV.	DESCRIPTION	DRAWN BY	DATE
5299CC	NO	26661	A	ADD SPEC	DKN	02.05.13
5299CCSF	NO	206382	B	REDRAWN IN SW	PAW	08.04.26
5299CCCE	YES					
5299CCCESF	YES					

Technical drawing of a rectangular plate. The overall width is .720 and the overall height is .705. There are two rectangular features on the plate, each labeled "R.P.". The distance between the centers of these two features is 534. The features are positioned such that their centers are 534 apart, and the overall width of the plate is .720.



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 CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. RETAINING RING: BeCu ALLOY PER ASTM B-197. DIELECTRIC: PTFE PER ASTM D-1710. GASKET: SILICONE RUBBER PER A-A-59588. EPOXY: SIGMA VF TYPE HV. CONDUCTIVE EPOXY: (for CCCE & CCCESF): ABLEBOND 16-1 A/B.	IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 18.0 GHz. VSWR: 1.05 + .005 x f(GHz). INSERTION LOSS: .06√f(GHz). WORKING VOLTAGE: 335 Vrms MAX@SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 1,500 Vrms MIN. R.F. HiPOT VOLTAGE: 670 Vrms MIN @ 5MHz. CORONA LEVEL: 250 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5,000 MEGOHMS MIN. R.F. LEAKAGE: -(60 - fGHz) dB MIN -(80 - fGHz) dB MIN for CCCE & CCCESF CONTACT RESISTANCE: INITIAL: CENTER CONTACT: 4.0 mOHMS MAX. OUTER CONTACT: 2.0 mOHMS MAX. AFTER ENVIRONMENT: CENTER CONTACT: 6.0 mOHMS MAX. OUTER CONTACT: NA.	MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: TORQUE: 2 INCH-POUNDS MAX. LONGITUDINAL FORCE: NA CONNECTOR DURABILITY: 500 CYCLES MIN @ 12 CYCLES/MINUTE MAX. PERMEABILITY: LESS THAN 2.0 mu. CENTER CONTACT RETENTION (CAPTIVATION): AXIAL FORCE: 6 POUNDS MIN. TORQUE: 4 INCH-OUNCES MIN. COUPLING MECH. RETENTION: 15 INCH-POUNDS MIN. INSPECTION CONDITION: THE PAIR SHALL BE TORQUED TO 7 ~ 10 INCH-LBS WHERE THE TEST IS PERFORMED ON MATED PAIRS.	TEMPERATURE RANGE: -65 °C TO +125 °C. THERMAL SHOCK: MIL-STD-202, METHOD 107, 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°								
BODY & COUPLING NUT:			APPLICABLE Amphenol CDI DOCUMENTS			MATERIAL		SPECIFICATION		PROCUREMENT	
(for CCSF & CCCSF):PASSIVATE PER ASTM A-967, NITRIC 1. (for CC & CCCE): GOLD PLATE PER ASTM B-488, TYPE II, CODE C, CLASS .25; OVER NICKEL UNDER PLATE PER SAE-AMS-QQ-N-290, CLASS 1.						APPROVAL	INITIALS	DATE	Amphenol CDI 12900 Alondra Blvd. Cerritos, CA 90703		
CENTER CONDUCTOR:			WORK STANDARD			PROD INSTRU		ASSY INSTRU		TITLE	
GOLD PLATE PER ASTM B-488, TYPE II, CODE C or D, CLASS 1.25; OVER NICKEL UNDER PLATE PER SAE-AMS-QQ-N-290, CLASS 1.			NA			NA		NA		SMA MALE TO SMA FEMALE STRAIGHT ADAPTER	
RoHS 3 Compliant EU 2015/843			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		SCALE		SHEET 1 OF 1	
								8:1			
								SIZE	CAGE CODE	DRAWING NO.	REV.
								C	30990	5299	B