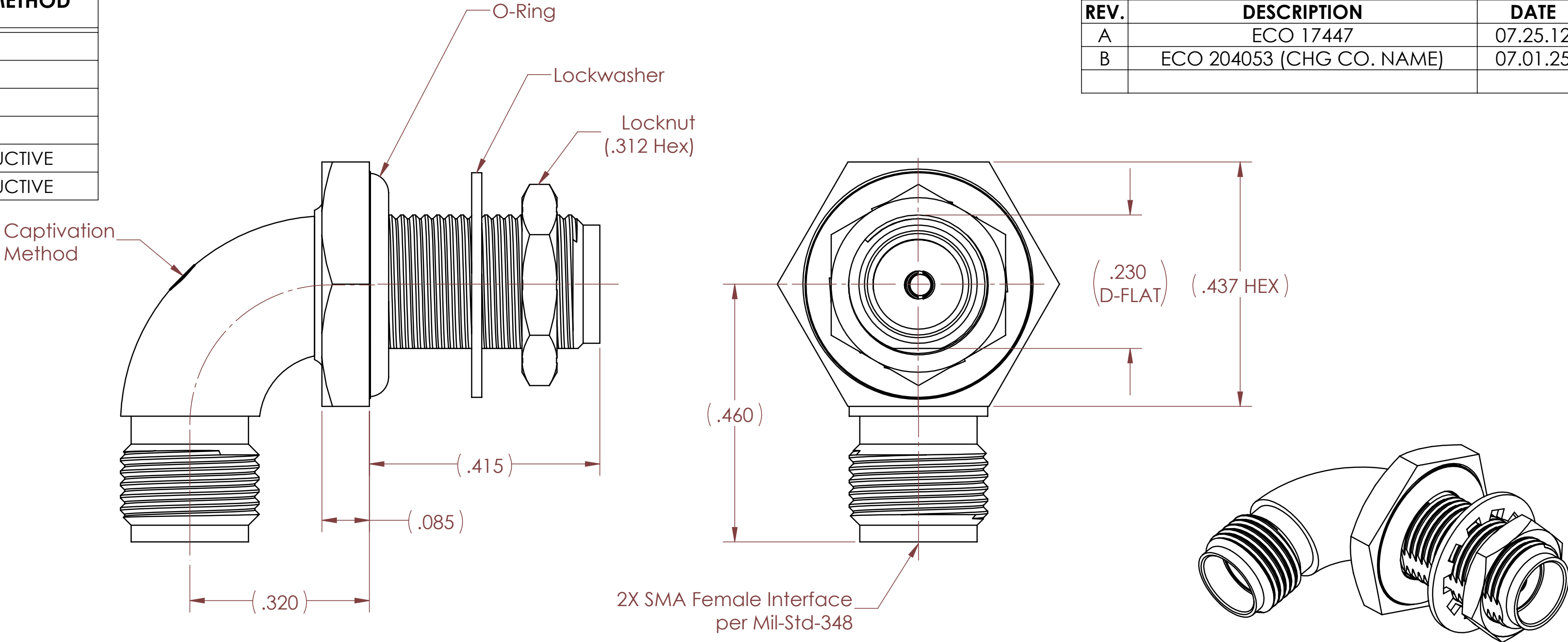


PART NO.	CAPTIVATION METHOD
BASIC	NONE
SF	NONE
CC	EPOXY ONLY
CCSF	EPOXY ONLY
CCCE	EPOXY WITH CONDUCTIVE
CCCESF	EPOXY WITH CONDUCTIVE

REVISIONS			
REV.	DESCRIPTION	DATE	BY
A	ECO 17447	07.25.12	DKN
B	ECO 204053 (CHG CO. NAME)	07.01.25	DKN



Note(s):
1. O-Ring, Locknut & Lockwasher to be packaged and shipped unassembled.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body Sub-Assembly: 304 SST per Mil-T-8504 or SAE-AMS-5567and and 303 SST per ASTM A582 Locknut: 303 SST oer ASTM A582 Lockwasher: 410 SST Center Conductor: BeCu Alloy per ASTM B196 Insulator: PTFE Teflon per ASTM D1710 O-Ring: Silicone S613-60 or S604-70 Epoxy: Sigma VF Type HV	Impedance: 50 Ohms Nominal Frequency Range: DC to 18.0 GHz VSWR: 1.25:1 max @ 18GHz Insertion Loss: .20 dB max @ 18GHz Working Voltage: 335 Vrms max @ Sea Level Dielectric Withstand Voltage: 1,000 Vrms min. RF HiPot Voltage: 670 Vrms min. @ 5MHz Corona Level: 250 Vrms @ 70,000 ft Insulation Resistance: 5,000 MegOhms min. RF Leakage: -(65 - fGHz) dB (For CC's). RF Leakage: -(90 - fGHz) dB (For BASIC & SF). Contact Resistance: Before Environment: Center Contact: 3.0 Milliohms max Outer Contact: 2.0 Milliohms max After Environment: Center Contact: 4.0 Milliohms max Outer Contact: NA	Mating Characteristics: Interface per MIL-STD-348 Force to Engage & Disengage: Torque: 2 inch-lbs max Longitudinal Force: NA Connector Durability: 500 Cycles min. @ 12 cycles/minute max Permeability: Less than 2.0 mu. Center Contact Retention: ** Axial Force: 6 lbs min. ** Not applicable to P/N 5135 and 5135SF	Temperature Range: For BASIC & SF: -65°C to +165°C For CC's: -65°C to +125°C Thermal Shock: MIL-STD-202, Method 107, Test Condition B 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 Condition B Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

FINISH(ES):	APPLICABLE Amphenol CDI DOCUMENTS	TOLERANCES AND NOTES	-		-		-	
Body Sub-Assembly, Locknut & Lockwasher: For SF & CCSF: Passivate per ASTM A967 or SAE AMS 2700. For BASIC & CC's: Gold plate per ASTM B488, Type II, Code C, Class .25, over Nickel plate per SAE AMS-QQ-N-290, Class 1. Center Conductor: Gold plate per ASTM B488, Type II, Code C or D, Class 1.25, over Nickel plate per SAE AMS-QQ-N-290, Class 1.	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	MATERIAL		SPECIFICATION		PROCUREMENT
	NA	NA	NA	APPROVAL	INITIALS	DATE	Amphenol CDI 12900 Alondra Blvd. Cerritos, CA 90703	
	-			DRAWN BY	DKN	08.28.03		
				CHECKED BY	-	-		
	NOTICE			TEST ENGR	-	-	TITLE	
	THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY Amphenol CDI & ALL DESIGN, MANUFACTURING, REPRODUCTION, USE & SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE & THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY Amphenol CDI, CERRITOS, CALIFORNIA 90703.			QUALITY	-	-	SMA MALE TO SMA MALE RADIUS R/A, ADAPTER	
				DESIGN ENG	ATV	11.07.07	SCALE	SUB-DIRECTORY/
				MFG. ENGR	-	-	6:1	_OUTLINE\
				ECO APPRV	DNg	07.09.25	SIZE	CAGE CODE
							C	30990
							DRAWING NO.	SHEET 1 OF 1
							5135	REV. B