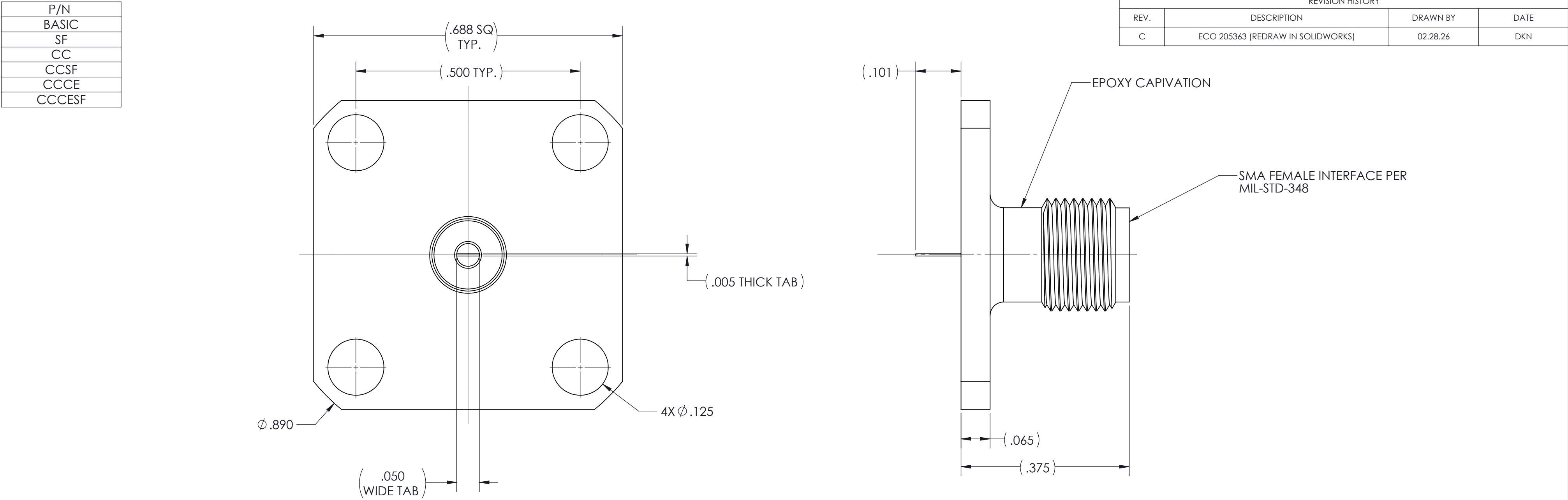




NOTE(S):
1. CENTER CONDUCTOR TO BE SUPPLIED UNASSEMBLED FOR BASIC, AND SF ONLY.
2. CONNECTOR TO BE SHIPPED WITH PROTECTIVE CAP (NOT SHOWN), NOT APPLICABLE TO BASIC AND SF.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIROMENTAL(S):
BODY: 303 SST PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. DIELECTRIC: PTFE PER ASTM D-170. EPOXY: SIGMA VF TYPE HV (FOR CC'S)	IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 18.0 GHZ. VSWR: 1.05+.005f (GHz). INSERTION LOSS: .03√f (GHz). WORKING VOLTAGE: 335 Vrms MAX @ SEA LEVEL. DIELECTRIC WITHSTANDING VOLTAGE : 1,000 Vrms MIN. R.F. HIPOT VOLTAGE: 670 Vrms MIN @5MHZ. CORONA LEVEL: 670 Vrms @ 70,000 FT. INSULATION RESISTANCE: 5,000 MegaOhms MIN. R.F LEAKAGE: - (60-fGHz) dB MIN. FOR CC &CCSF. -(90-fGHz)dB MIN FOR BASIC & SF. CONTACT RESISTANCE: CENTER CONTACT: 3.0 MILLIOHM MAX. OUTER CONTACT: 2.0 MILLIOHM MAX. AFTER ENVIRONMENTAL: CENTER CONTACT: 4.0 MILLIOHM MAX. OUTER CONTACT: N/A.	MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: TORQUE: 2 INCH-POUNDS MAX. LONGITUDINAL FORCE: N/A. CENTER CONTACT RETENTION: AXIAL FORCE: 6LBS MIN. CONNECTOR DURABILITY: 500 CYCLES MIN @ 12 CYCLES/MINS MAX. PERMEABILITY: LESS THAN 2.0 MU. * CENTER CONTACT CAPTIVATION: AXIAL FORCE: 6LBS MIN. RADIAL TORQUE: 4 INCH-OUNCES MIN. *APPLICABLE TO CC & CCSF	TEMPERATURE RANGE: -65°C TO +125°C (FOR -CC) -65°C TO +165°C (FOR BASIC & SF) THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND.B. MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, INSULATION RESISTANCE AT LEAST 200 MEGAOHMS 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 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.																	
BODY: (FOR SF's): PASSIVATED PER ASTM A967. (FOR BASIC & CC): GOLD PLATE PER ASTM B488, OVER NICKEL UNDER PLATE PER SAE AMS-QQ-N-290. CENTER CONDUCTOR: GOLD PLATE PER ASTM B488, OVER NICKEL UNDER PLATE PER AMS-QQ-N-290.			APPLICABLE Amphenol CDI DOCUMENTS			MATERIAL			SPECIFICATION			PROCUREMENT								
			WORK STANDARD			PROD INSTRU			APPROVAL			INITIALS			DATE					
			NA			NA			DRAWN BY			R.C			03.25.02					
									CHECKED BY											
									TEST ENG											
									QUALITY						TITLE					
									DESIGN ENG			ATV			05.02.02			SMA FEMALE 4 HOLES (.688 SQ) FLANGE MOUNT TO TAB TERMINATION		
									MFG ENG									SCALE		
									ECO APPRV			SEE ECO			03.12.26			6:1		
																		SUB-DIRECTORY/		
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