

P/N	Ø A	FIGURE(S)
-1CC	.0360±.0005	1
-1CCSF	.0360±.0005	
-2CC	.0200±.0005	2
-2CCSF	.0200±.0005	
-3CC	.0100±.0005	2
-3CCSF	.0100±.0005	
-4CC	.0120±.0005	2
-4CCSF	.0120±.0005	
-5CC	.0150±.0005	2
-5CCSF	.0150±.0005	
-6CC	.0180±.0005	2
-6CCSF	.0180±.0005	

REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 22070	03.13.09	DKN
A	ECO 202352 (ADD NEW NAME)	11.21.24	DKN

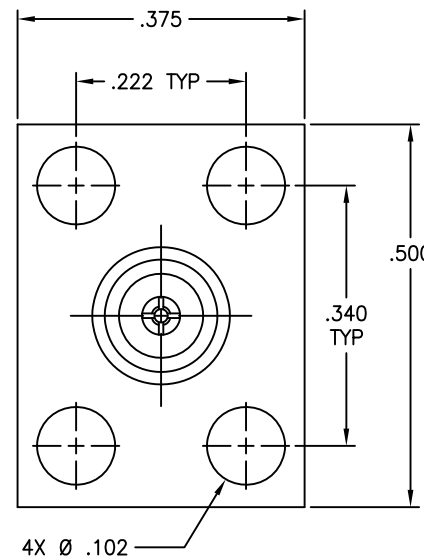
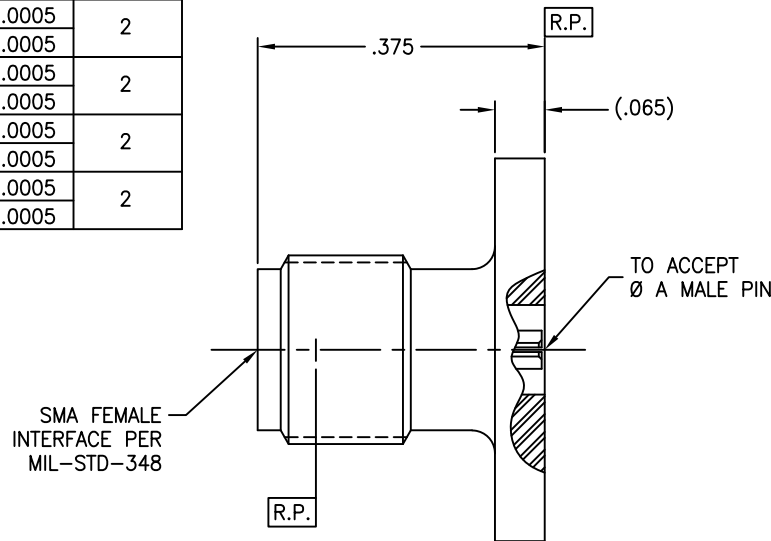


FIGURE 1

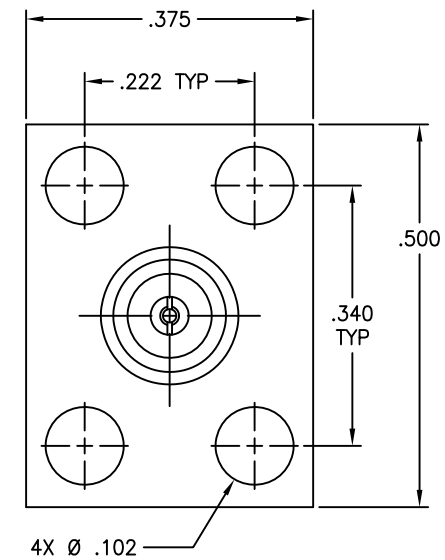


FIGURE 2

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.0 GHz. VSWR: 1.06 + .005 x fGHz Insertion Loss: .03√f(GHz) dB. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -90 dB min from 2-3 GHz. Contact Resistance: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max.	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 Axial Force: 6 pounds min. Torque: 4 inch-ounces min. Center Contact Captivation: Axial Force: 6 lbs max. from interface end. 3 lbs max. from rear end.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. C. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. 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:
Body: (For CCSF's): Passivate per ASTM A-967. (For CC's): Gold plate per ASTM B-488, Type II, Code C, Class .25; Over nickel under plate per SAE-AMS-QQ-N-290, Class 1. Center Conductor: 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.

APPLICABLE Amphenol CDI DOCUMENTS		
WORK STD	PROD INST	ASSY INST
<b>NOTICE</b>		
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TOLERANCES AND NOTES EXCEPT AS NOTED		MATERIAL		SPECIFICATION		PROCUREMENT	
INTERPRET DRAWING PER ASME Y14.5-2018 DIMENSIONS ARE IN INCHES: LINEAR .XXX ±.015 .XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32							
1. MACHINE FINISH: 43/RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FLIETS .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 BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER 1H-26. 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.		APPROVAL INITIALS DATE DRAWN BY R.C. 04.01.02 CHECKED BY TEST ENGG QUALITY DESIGN ENGG DNg 03.13.09 MFG ENGG ECO APPRV DNg 11.20.24		TITLE <b>SMA FEMALE 4 HOLE FLANGE (.375 X .500)</b> <b>MOUNT FIELD REPLACEABLE</b>		12900 Alondra Blvd. Cerritos, CA 90703 SHEET 1 OF 1	
SCALE 8/1 SIZE C CAGE CODE 30990 DRAWING NO. 5717		DIRECTORY\SUB-DIRECTORY \_OUTLINE\		REV B			