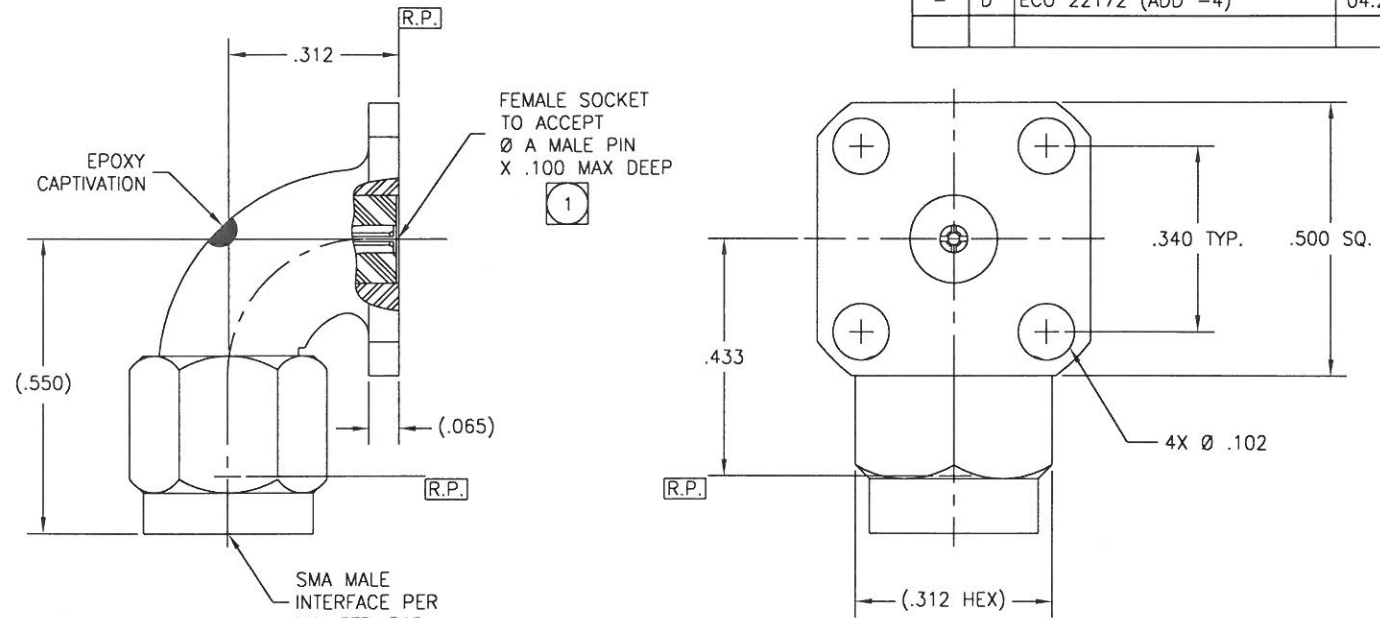


P/N	Ø A
-1CC	.036±.001
-1CCSF	.036±.001
-2CC	.020±.001
-2CCSF	.020±.001
-3CC	.010±.001
-3CCSF	.010±.001
-4CC	.012±.001
-4CCSF	.012±.001

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
-	C	ECO 18722 (REDRAW)	09.13.05	RC
-	D	ECO 22172 (ADD -4)	04.28.09	DKN



NOTE(S):

1. FOR -1CC & -1CCSF, FEMALE SOCKET HAS 2 SLOTS.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body & Coupling Nut: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Retaining Ring: BeCu alloy per ASTM B-196 or ASTM B-197 Dielectric: PTFE per ASTM D-1710. Gasket: Silicone rubber per A-A-59588. Epoxy: Sigma VF type HV.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.06 + .005 x f(GHz) max. Insertion Loss: .03 √f(GHz) dB max Working Voltage: 500 Vrms max @ sea level. Dielectric Withstanding Voltage: 1500 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -(60 - fGHz) dB min 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. Longitudinal Force: NA. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Contact Captivation: Axial Force: 6 pounds min. Torque: 4 inch-ounces min. Coupling Proof Torque: 15 inch-pounds min. Coupling Mech. Retention: 60 pounds min.	Temperature Range: -65°C to +125°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. 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. B. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH(ES):	APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED	APPROVAL INITIALS	DATE	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
	WORK STD	PROD INST	ASSY INST							
Body & Coupling Nut: (for SF & CCSF) Passivated per ASTM A-967. Body & Coupling Nut: (for Basic & CC) Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	NA	NA	NA	DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED: LINEAR .0015 ANGULAR ± 1/2° FRACTION ± 1/32						
	NOTICE			1. MACHINE FINISH: 63/ RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXES 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 AS-B. 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	APPROVAL INITIALS: R.C. DATE: 03.25.02					
				THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN, MANUFACTURING, RE-PRODUCTION, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UN-AUTHORIZED PERSON TO INCORPORATE INTO OTHER PRODUCTS ANY SPECIAL FEATURE PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY CARLISLE INTERCONNECT TECHNOLOGIES, LONG BEACH, CA 90815	CHECKED BY: [] TEST ENG: [] QUALITY: [] DESIGN ENGR: Dng DATE: 06.17.09 MFG ENGR: []			CARLISLE Interconnect Technologies Long Beach, CA 90815 TITLE: SMA MALE RADIUS RIGHT ANGLE 4 HOLE FLANGE (.500 SQ.) MOUNT FIELD REPLACEABLE SCALE: 6:1 SUB-DIRECTORY/FILENAME: OL_\ \ SHEET 1 of 1 SIZE: C 30990 DRAWING NO.: 5902		REV: D