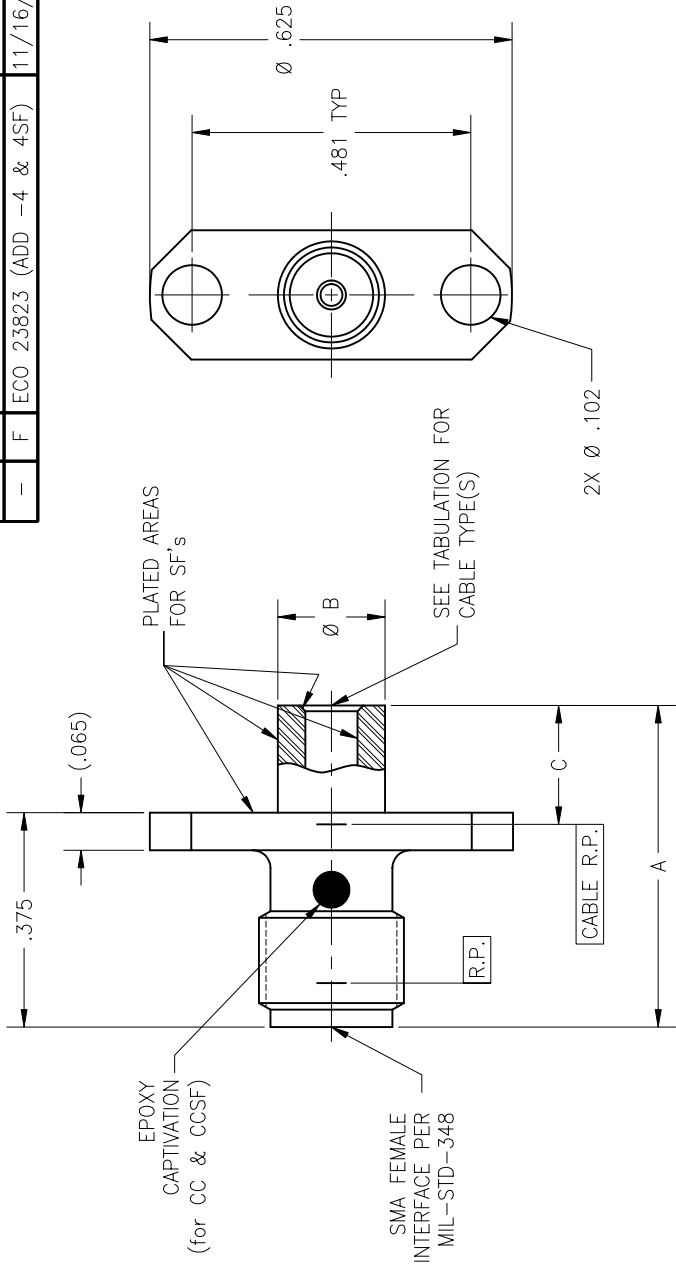


P/N	A	Ø B	C	CABLE TYPE(S)
-1	.555	.185	.205	Ø .141 SEMI-RIGID
-1SF	.555	.185	.205	Ø .141 SEMI-RIGID
-2	.500	.125	.150	Ø .085 SEMI-RIGID
-2SF	.500	.125	.150	Ø .085 SEMI-RIGID
-2CC	.500	.125	.150	Ø .085 SEMI-RIGID
-2CCSF	.500	.125	.150	Ø .085 SEMI-RIGID
-3	.555	.185	.205	Ø .141 LOW LOSS
-3SF	.555	.185	.205	Ø .141 LOW LOSS
-4	.500	.125	.150	Ø .085 LOW LOSS
-4SF	.500	.125	.150	Ø .085 LOW LOSS
-5CC	.440	.095	.064	Ø .047 SEMI-RIGID
-5CCSF	.440	.095	.064	Ø .047 SEMI-RIGID

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
-	D	ECO 20614 (ADD -5CC & -5CCSF)	10.04.07
-	E	ECO 20696	11.01.07
-	F	ECO 23823 (ADD -4 & 4SF)	11/16/10
-	F	ECO 23823 (ADD -4 & 4SF)	11/16/10



MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Insulator: PTFE per ASTM D-1710. Epoxy: (for CC & CCSF) Sigma VF type HV (Not supplied)	Impedance: 50 Ohms nominal. Frequency Range: DC to 18 GHz. VSWR: 1.05 + .005 x f(GHz). Insertion Loss: .03 √f (GHz). 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 dB - fGHz) - with epoxy -(90 dB - fGHz) - no epoxy Contact Resistance: Initial: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 4.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. ** Center Contact Captivation: Axial Force: 6 pounds min. Radial Torque: 4 inch-ounces min. ** applicable to captivated contacts (for CC & CCSF)	Temperature Range: -65° to +165°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, No measurements at high humidity. Insulation resistance shall be 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:	APPLICABLE CARLISLE IT DOCUMENTS				TOLERANCES AND NOTES EXCEPT AS NOTED			
	WORK	STD	PROD	INST	ASSY	INST	MATERIAL	DATE
Body: (for SF's): Passivate per ASTM A-967, except areas noted. (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	NA	NA	NA	IMG	03.13.02
							DNg.	04.12.11
							CHECKED BY	
							TEST ENG	
							QUALITY	
							DESIGN ENG	
							MFG ENG	
							SCALE	8:1
							SUB-DIRECTORY/FILENAME	01_1
							SIZE	1 OF 1
							CASE CODE	5229
							C	30990
							DRAWING NO.	5229
							PROCUREMENT	
							CARLISLE Interconnect Technologies	
							Long Beach, CA 90815	
							TITLE	SMA FEMALE 2 HOLE FLANGE
							MOUNT TO SEMI-RIGID CABLE	
							SCALE	8:1
							SUB-DIRECTORY/FILENAME	01_1
							SIZE	1 OF 1
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