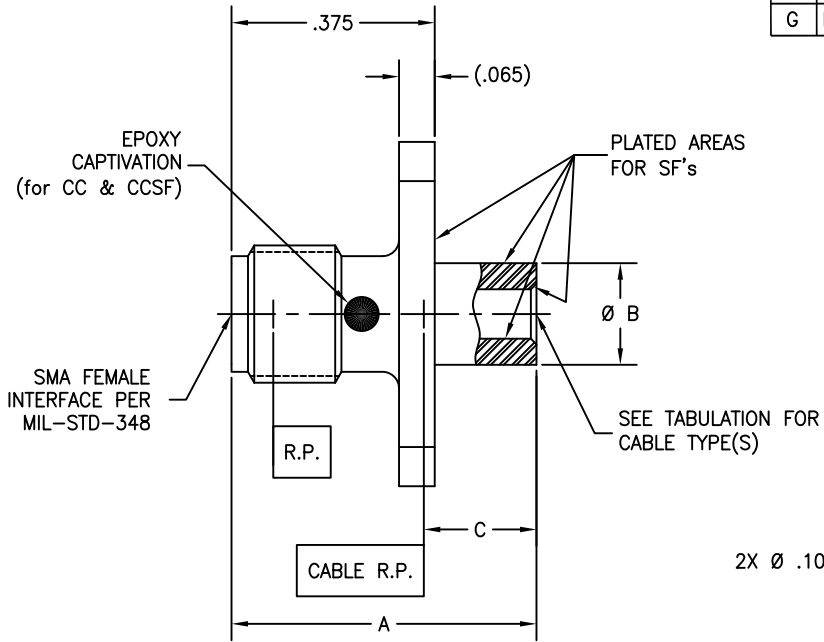
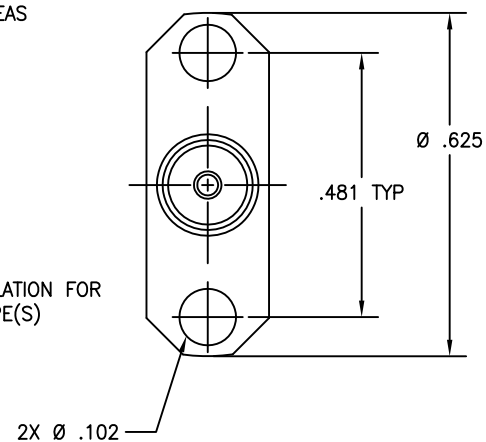


P/N	A	Ø B	C	CABLE TYPE(S)
-1	.555	.185	.205	Ø .141 SEMI-RIGID
-1SF	.555	.185	.205	Ø .141 SEMI-RIGID
-2	.500	.125	.150	Ø .085 SEMI-RIGID
-2SF	.500	.125	.150	Ø .085 SEMI-RIGID
-2CC	.500	.125	.150	Ø .085 SEMI-RIGID
-2CCSF	.500	.125	.150	Ø .085 SEMI-RIGID
-3	.555	.185	.205	Ø .141 LOW LOSS
-3SF	.555	.185	.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			
REV	DESCRIPTION	DATE	BY
E	ECO 20696	11.01.07	DKN
F	ECO 23823 (ADD -4 & 4SF)	11/16/10	ABN
G	ECO 28567	03.16.15	DKN



NOTE: ALL ITEMS ARE PACKAGED AND SHIPPED UNASSEMBLED.

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	MATERIAL	SPECIFICATION	PROCUREMENT						
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.	<table border="1"> <thead> <tr> <th>WORK STD</th> <th>PROD INST</th> <th>ASSY INST</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	NA	DIMENSIONS ARE IN INCHES. LINEAR .004 ±.005 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: 63 / RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS: .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .002 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 14-26 9. REMOVE FRAVED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	APPROVAL INITIALS: IMG DATE: 03.13.02 TEST ENGG: [] CHECKED BY: [] DESIGN ENGG: PCV DATE: 11.16.10 MFG ENGG: [] ECO APPRV: DNq DATE: 03.16.15	CARLISLE Interconnect Technologies Cerritos, CA 90703 TITLE: SMA FEMALE 2 HOLE FLANGE MOUNT TO SEMI-RIGID CABLE SCALE: 8:1 DIRECTORY/SUB-DIRECTORY: _OUTLINE\ SHEET 1 OF 1	SIZE: C CAGE CODE: 30990 DRAWING NO.: 5229 REV. G
WORK STD	PROD INST	ASSY INST									
NA	NA	NA									