

P/N	Ø A	CABLE TYPE	FIGURE
-1CC	.049 MIN	.047 SEMI-RIGID	1
-2CC	.088 MIN	.085 SEMI-RIGID	1
-3CC	.049 MIN	.047 MICROPOROUS	1
-4CC	.088 MIN	.085 MICROPOROUS	1
-5CC THRU -8CC: OBSOLETED			

REVISIONS			
REV	DESCRIPTION	DATE	BY
D	ECO 12096	08/14/00	IMG
E	ECO 12733	07/18/01	AGS
F	ECO 26097 (OBSOLETE -5 THRU -8CC)	08.21.12	DKN

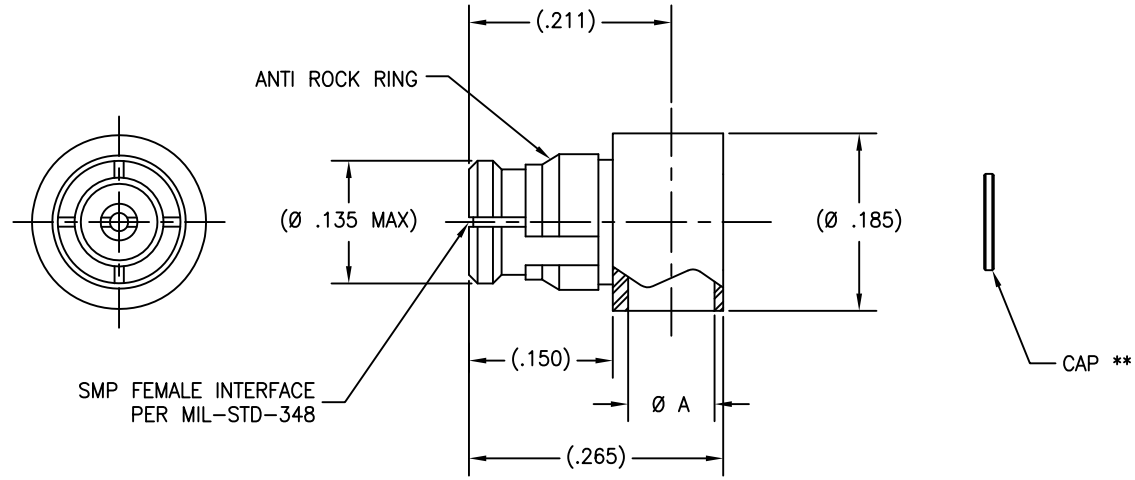


FIGURE 1

\*\* Cap to be packaged and shipped unassembled.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL:	ENVIRONMENTAL:
Body, Center Conductor, Anti-Rock Ring: BeCu alloy per ASTM B-196. Insulator: PTFE per ASTM -D-1710.	Frequency Range: DC to 12 GHz. VSWR: 1.25:1 max to 12 GHz. Insertion Loss: 0.1 dB max to 12 GHz. Working Voltage: 335 Vrms at sea level. 65 Vrms at 70,000 ft. DWV: 500 Vrms min at sea level. 125 Vrms at 70,000 ft. RF HiPot Voltage: 325 Vrms min at sea level. Corona Level: 190 Vrms min at 70,000 ft. Insulation Resistance: 5,000 megohms min. Contact Resistance: Center Contact: 6.0 milliohms max. Outer Contact: 2.0 milliohms max Permeability: Less than 2.0 mu. R.F. Leakage: -80 dB min DC to 3 GHz. -65 dB min from 3.5 to 26.5 GHz.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage: Full Detent: 15 lbs max Limited Detent: 10 lbs max Smooth Bore: 2 lbs max Force To Disengage: Full Detent: 5 lbs min Limited Detent: 2 lbs min Smooth Bore: .5 lbs min Center Contact Retention: Axial Force: 1.5 pounds min. Radial Torque: NA Connector Durability: Full Detent: 100 cycles Limited Detent: 500 cycles Smooth Bore: 1,000 cycles	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B, except high temp to be +165°C or maximum high temp of the cable. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Resistance shall be 1,000 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. Solderability: Mil-Std-202, Method 208.

FINISH(ES):	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SPECIFICATION	PROCUREMENT																											
Body, Center conductor, and Anti-Rock Ring: Gold plate per ASTM B-488, type II, grade C, class 1.25; over nickel under plate per SAE-AMS-QQ-N-290, class 1.	<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>A1291</td> </tr> <tr> <td></td> <td></td> <td>A1301</td> </tr> </tbody> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	A1291			A1301	DIMENSIONS ARE IN INCHES. LINEAR .0004-0.15 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: .03 RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS: .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 1-20 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BUMPS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>BRD</td> <td>11.10.93</td> </tr> <tr> <td>DNG</td> <td>08.30.12</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	BRD	11.10.93	DNG	08.30.12	<b>CARLISLE</b> Interconnect Technologies Cerritos, CA 90703	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>TEST ENGG</th> <th>QUALITY</th> <th>DESIGN ENGG</th> <th>MFG ENGG</th> <th>ECO APPRV</th> </tr> </thead> <tbody> <tr> <td>BRD</td> <td></td> <td></td> <td>ATV</td> <td></td> <td>PCV</td> </tr> </tbody> </table>	DRAWN BY	TEST ENGG	QUALITY	DESIGN ENGG	MFG ENGG	ECO APPRV	BRD			ATV		PCV
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