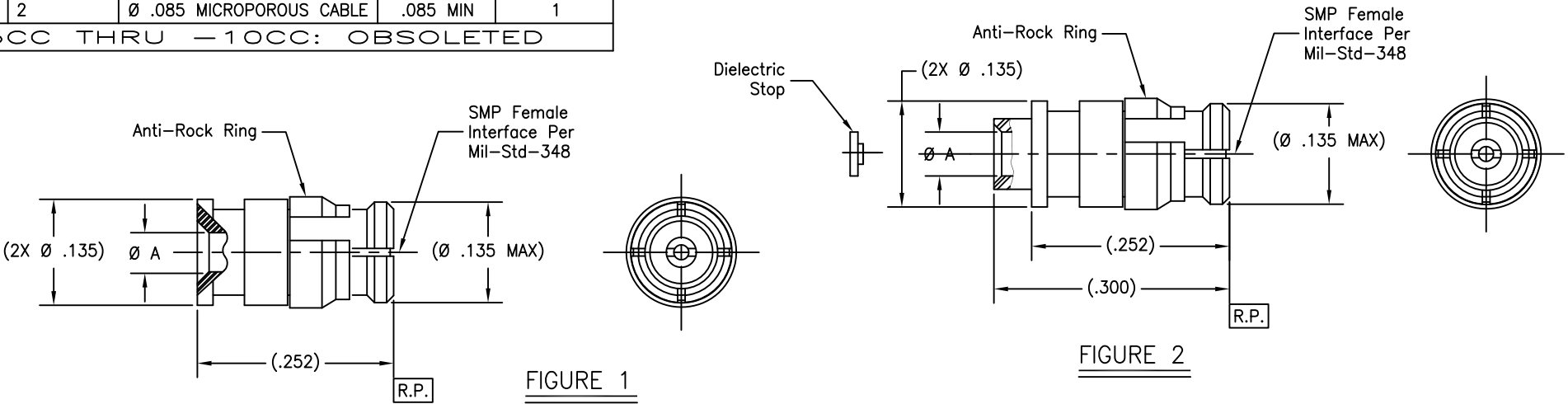


P/N	APPLICABLE NOTE(S)	CABLE TYPE(S)	Ø A	FIGURE(S)
-1CC	1	Ø .047 SEMI-RIGID CABLE	.049 MIN	2
-2CC	2	Ø .085 SEMI-RIGID CABLE	.085 MIN	1
-3CC	1	Ø .047 MICROPOROUS CABLE	.047 MIN	2
-4CC	2	Ø .085 MICROPOROUS CABLE	.085 MIN	1
-5CC THRU -10CC: OBSOLETE				

REVISIONS			
REV	DESCRIPTION	DATE	BY
M	ECO 20153	04.17.07	P.MAO
N	ECO 26096 (OBSOLETE -5 THRU -10CC)	08.21.12	DKN



- Note(s):
- Center conductor and dielectric stop to be packaged and shipped unassembled.
 - Center conductor 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. Dielectric Stop: ** Teflon per Mil-P-46179A.	Impedance: 50 ohms nominal. Frequency Range: DC to 40.0 GHz, VSWR: 1.05 + .005 x f (GHz). Insertion Loss: .05 √f (GHz) dB. Working Voltage: 335 Vrms at sea level. 65 Vrms at 70,000 ft. DWV: 500 Vrms min at seal 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.	Interface Dimension: Per Mil-Std-348. Connector Durability: 100 cycles min with Full Detent. 500 cycles min with Limited Detent. 1000 cycles min with Smooth Bore. Center Contact Retention: 1.5 pound min axial force. Force To Engage: 15 pounds max with Full Detent. 10 pounds max with Limited Detent. 2 pounds max with Smooth Bore. Force To Disengage: 5 pounds min with Full Detent. 2 pounds min with Limited Detent. .5 pound min with Smooth Bore.	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.

** Applicable to Ø .047 cables only.

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>AI-292</td> </tr> <tr> <td></td> <td></td> <td>AI-300</td> </tr> </tbody> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	AI-292			AI-300	DIMENSIONS ARE IN INCHES. LINEAR JXX ±.015 XXX ±.005 ANGLUAR ± 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 AXES 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 H-29 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRN</td> <td>11/09/93</td> </tr> <tr> <td>CHECKED BY</td> <td>DNG 08.30.12</td> </tr> <tr> <td>TEST ENGG</td> <td></td> </tr> <tr> <td>DESIGN ENGG</td> <td>P.MAO 05.16.07</td> </tr> <tr> <td>MFG ENGG</td> <td></td> </tr> <tr> <td>ECO APPRV</td> <td>PCV 08.22.12</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	DRN	11/09/93	CHECKED BY	DNG 08.30.12	TEST ENGG		DESIGN ENGG	P.MAO 05.16.07	MFG ENGG		ECO APPRV	PCV 08.22.12	CARLISLE Interconnect Technologies Cerritos, CA 90703 TITLE: SMP FEMALE STRAIGHT TO Ø .085 SEMI-RIGID OR LOW LOSS CABLE SCALE: DIRECTORY/SUB-DIRECTORY _OLP_/_OLP651	SHEET 1 of 1 SIZE: C 30990 DRAWING NO. P651 REV. N
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