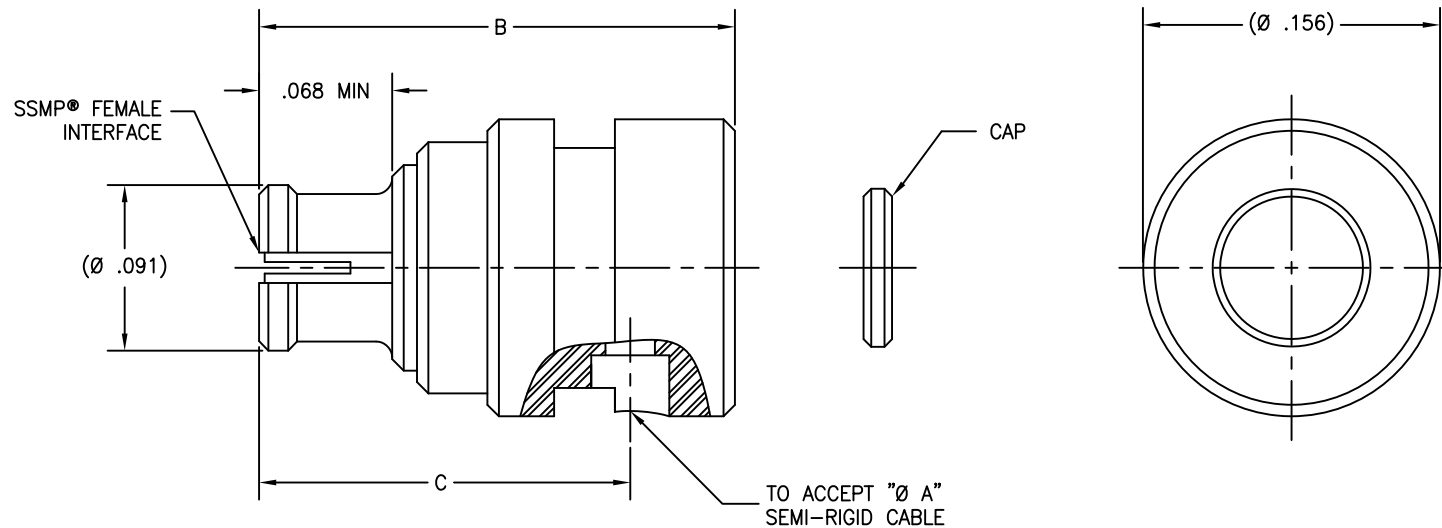


P/N	Ø A	B	C
-1CC	.047	.250	.195
-2CC	.085	.250	.195
-3CC	.047 L/L	.178	.126

REVISIONS			
REV	DESCRIPTION	DATE	BY
G	ECO 25377	02.22.12	DKN
H	ECO 26772(CHG INSERT LOSS)	3.18.13	YP
J	ECO 202420 (ADD NEW NAME)	12.17.24	DKN



Note:
 1. Cap to be packaged and shipped unassembled.
 SSMP® is a registered trademark of Carlisle IT.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Center Conductor & Cap: BeCu alloy per ASTM B-196 Insulator: PTFE per ASTM D-1710	Impedance: 50 Ohms Nom. Freq. Range: DC TO 22 GHz VSWR: 1.25:1 to 18 GHz (for -1CC & -2CC) 1.15:1 to 22 GHz (for -3CC) Insertion Loss: .15 dB Max. to 22 GHz Working Voltage: 600 Vrms @ Sea Level 150 Vrms @ 70,000 ft. Dielectric Withstand Voltage: 500 V rms RF HiPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 190 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Conductor: 6.0 Milliohms RF Leakage: -80 dB Max. to 3 GHz -65 dB Max. to 18 GHz	Mating Characteristic: Interface per Carlisle IT WS134. Connector Durability: Detent: 100 Cycles. Smooth Bore: 500 Cycles. Force To Engage: Detent: 6.5 lbs max. Smooth Bore: 2.5 lbs max. Force To Disengage: Detent: 4.0 lbs min. Smooth Bore: 1.5 lbs min.	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. C Moisture Resistance: MIL-STD-202, Method 106. Insulation resistance at least 200 MegaOhms 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

FINISH:	APPLICABLE AMPHENOL CDI DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	-																	
Body, Center Conductor & Cap: Gold plate per ASTM B-488, Type II, Code C or D; 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-683</td> </tr> </tbody> </table>	WORK STD	PROD INST	ASSY INST	NA	NA	AI-683	INTERPRET DRAWING PER ASME Y14.5-2018 DIMENSIONS ARE IN INCHES: LINEAR .XX ±.015 ANGLAR ± 1/2° .XXX ±.005 FRACTION ± 1/32° 1. MACHINE FINISH: 43/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 H-20. 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>ATV</td> <td>09.16.98</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	ATV	09.16.98	<table border="1"> <thead> <tr> <th>MATERIAL</th> <th>SPECIFICATION</th> <th>PROCUREMENT</th> </tr> </thead> <tbody> <tr> <td></td> <td>Amphenol CDI</td> <td>12900 Alondra Blvd. Cerritos, CA 90703</td> </tr> </tbody> </table>	MATERIAL	SPECIFICATION	PROCUREMENT		Amphenol CDI	12900 Alondra Blvd. Cerritos, CA 90703
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