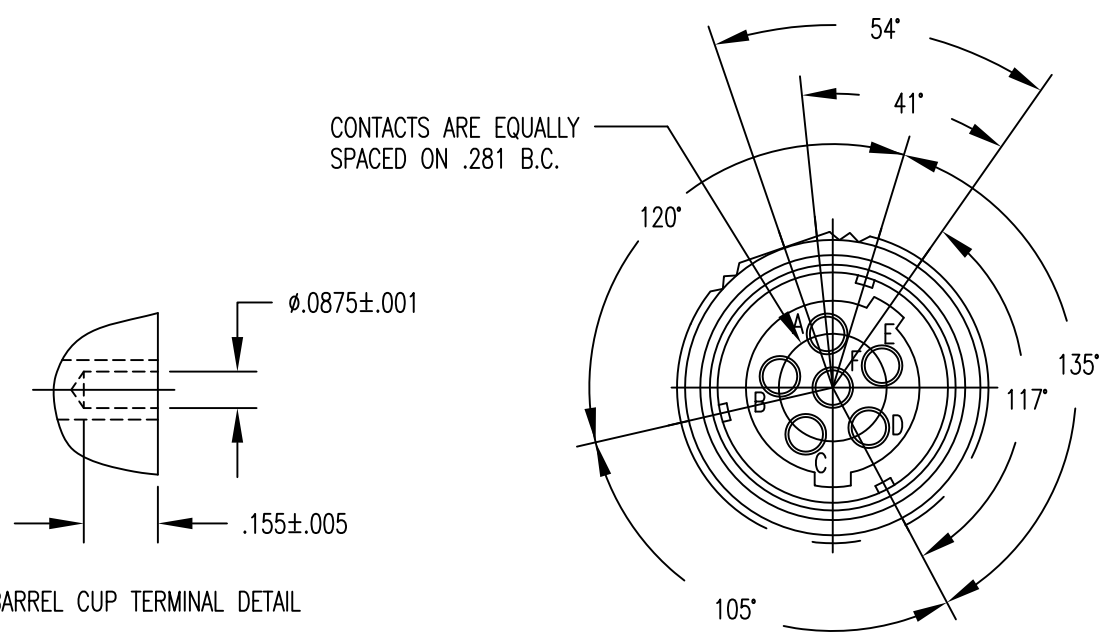
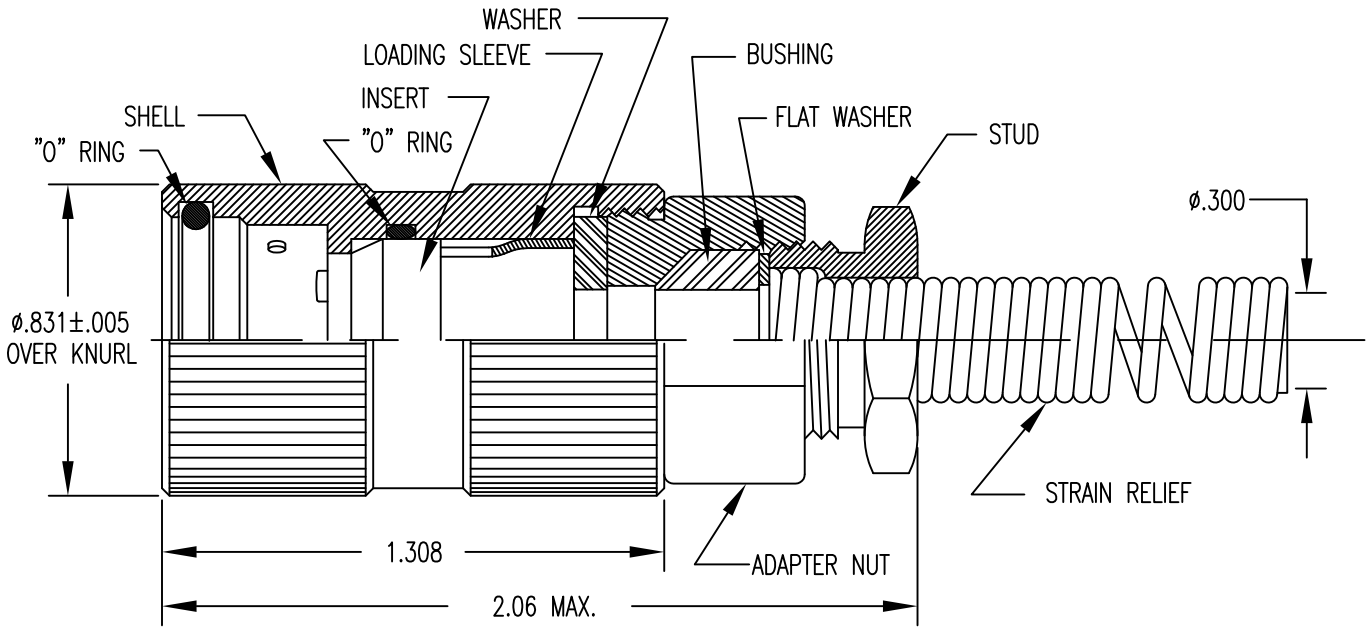


APPLICATIONS		REVISIONS			
NEXT ASSEMBLY	USED ON	REV.	DESCRIPTION	DATE	APPROVED

		-	RELEASED TO SALES;ENN:0020	5-27-87	DN
		A	CORRECTED MATING FACE;ENN:0020A	6-19-87	DN
		B	REVISED;REDRAWN	6-21-90	AG
		C	REVISED	2-15-91	AG
		D	DELETED NOTE 7; ECO-05633	11-10-06	CBV



FILE NAME: MC-ON241774-2.dwg

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm 1/64$.XX $\pm .01$ $\pm 1/2^\circ$.XXX $\pm .003$	CONTRACT NO.		MIL-CON TM AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO		
	APPROVALS		DATE		MC-ON241774-2 AUDIO CONNECTOR
THE INFORMATION DISCLOSED IN THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY TO MIL-CON, INC. AND MAY NOT BE USED FOR MANUFACTURE OR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF MIL-CON, INC.	DRAWN	A. Green	06/21/90		
	CHECKED	A. Huevo	11/13/06		
	ISSUED				
DO NOT SCALE DRAWING			SCALE	NONE	SHEET 1 OF 2

SPECIFICATIONS:

- 1) MATERIALS:
SHELL: STAINLESS STEEL (CLASS 304)
CONTACTS: BERYLLIUM COPPER
INSULATOR: DIALLYL PHTHALATE PER MIL-M-14. TYPE MDG
ADAPTER NUT & STUD: ALUMINUM ALLOY
STRAIN RELIEF: STEEL WIRE
- 2) FINISHES/COLOR:
SHELL: PASSIVATED, SAND BLASTED
CONTACTS: 0.000100 GOLD PER MIL-G-45204, TYPE II, CLASS 1;
OVER 0.000100 NICKEL PER QQ-N-290
INSULATOR: BLUE
ADAPTER NUT & STUD: BLACK ANODIC
STRAIN RELIEF: BLACK OXIDE
- 3) ELECTRICAL PROPERTIES:
OPERATING VOLTAGE: 60 VOLTS MAXIMUM POTENTIAL
CURRENT RATING: 0.5 AMPS MAXIMUM
DIELECTRIC BREAKDOWN: 500 VOLTS RMS
INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM
CONTACT RESISTANCE: 0.040 OHMS MAXIMUM FROM 1 TO 1500 MATINGS
0.100 OHMS MAXIMUM FROM 1500 TO 3000 MATINGS
1.000 OHMS MAXIMUM AFTER 3001 MATINGS
- 4) MECHANICAL PROPERTIES:
AIR PRESSURE: 2.5 P.S.I.
DURABILITY: 3000 CYCLES, MATE AND UNMATE
OPERATING TEMPERATURE: -54°C TO +71°C
WATER IMMERSION: 48 HOURS AT 6 FEET
- 5) MC-ON241774-2 PLUG MATES WITH:
ON241775 - ALL VERSIONS
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED

MIL-CON TM	FILE NAME: MC-ON241774-2.dwg			
	SIZE	FSCM NO.	DWG. NO.	REV.
	A	63525	SD: MC-ON241774-2	D
DRAWN A. Green	SCALE	NONE	SHEET 2	OF 2
ISSUED				