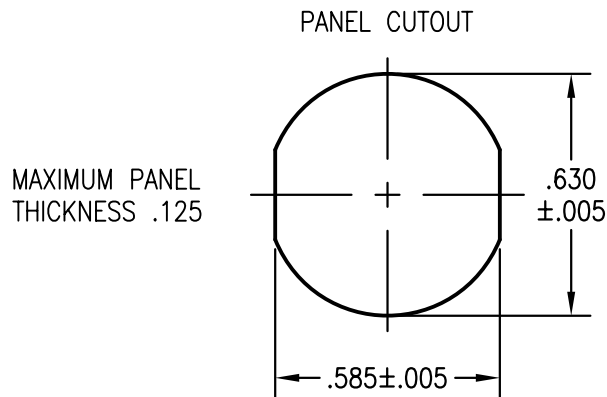
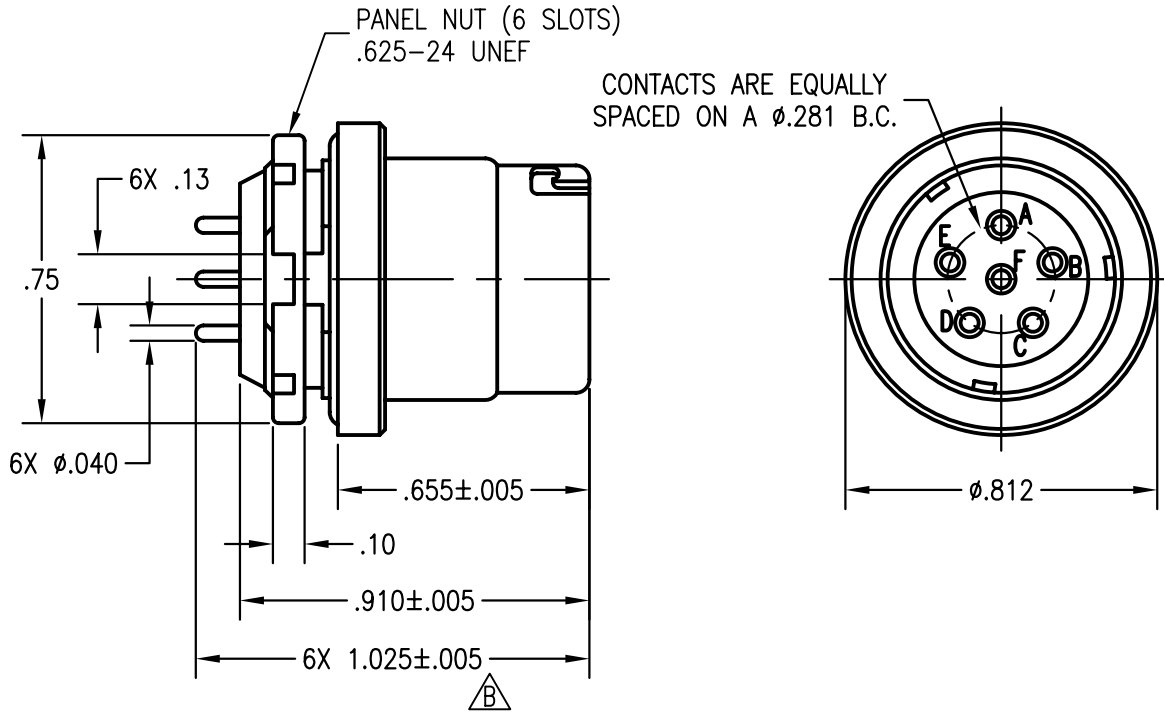


APPLICATIONS		REVISIONS			
NEXT ASSEMBLY	USED ON	REV.	DESCRIPTION	DATE	APPROVED
		A	RELEASED TO SALES	01-03-05	CBV
		B	DELETED NOTE 7; RENUMBERED NOTES; 1.025±.005 WAS 1.020; ECO-05633	11-10-06	CBV



FILE NAME: MC683G-21CN6.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.		<b>MIL-CON™</b> AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO MC683G-21CN6 AUDIO CONNECTOR		
	APPROVALS	DATE			
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 C. Velasco	01/03/05	SIZE A	FSCM NO. 63525	DWG. NO. SD: MC683G-21CN6
	CHECKED A. Huezco	12/22/06			REV. B
	ISSUED		SCALE NONE		SHEET 1 OF 2

SPECIFICATIONS:

1) MATERIALS:

SHELL AND PANEL NUT: STAINLESS STEEL.  
 CONTACTS: COPPER ALLOY.  
 INSULATOR: DIALLYL PHTHALATE PER MIL-M-14, TYPE MDG.

2) FINISHES AND COLOR:

SHELL AND PANEL NUT: PASSIVATED, SAND BLASTED.  
 CONTACTS: .000030 GOLD PER MIL-G-45204, TYPE II, CLASS 0;  
 OVER .000100 NICKEL PER QQ-N-290.  
 INSULATOR: BLUE.

3) ELECTRICAL PROPERTIES (DOES NOT APPLY TO PIN "A"):

OPERATING VOLTAGE: 60 VOLTS MAXIMUM POTENTIAL.  
 CURRENT RATING: .5 AMPS MAXIMUM.  
 DIELECTRIC BREAKDOWN: 500 VOLTS RMS.  
 INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM.  
 CONTACT RESISTANCE: .04 OHMS MAXIMUM WHEN MATED.

4) MECHANICAL PROPERTIES:

AIR PRESSURE: 2.5 P.S.I.  
 WATER IMMERSION: 48 HOURS @ 6 FEET.  
 DURABILITY: 3000 CYCLES, MATE AND UNMATE.

5) THIS CONNECTOR MATES WITH:

MC617 - ALL VERSIONS.  
 MC329 - ALL VERSIONS.

6) UNLESS OTHERWISE SPECIFIED, DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

△7) PIN "A" IS GROUNDED TO THE SHELL.

<b>MIL-CON</b> <sup>TM</sup>	FILE NAME: MC683G-21CN6.dwg				
	SIZE <b>A</b>	FSCM NO. <b>63525</b>	DWG. NO.	SD: MC683G-21CN6	REV. <b>B</b>
	DRAWN C. Velasco	SCALE NONE		SHEET 2	OF 2
ISSUED					