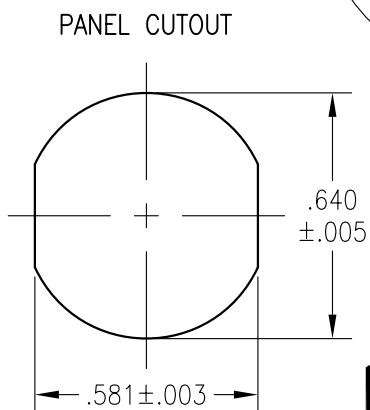
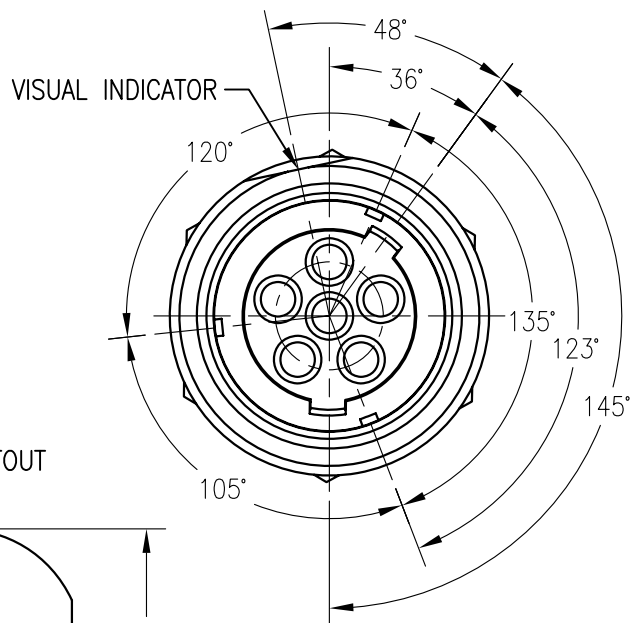
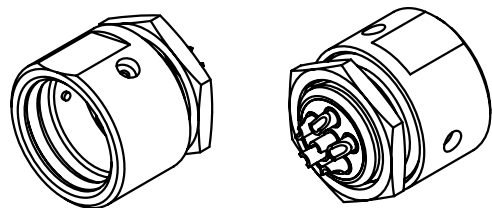
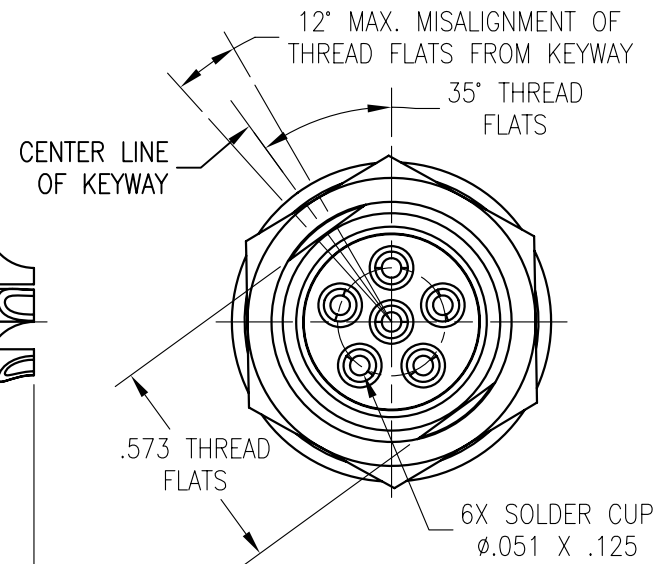
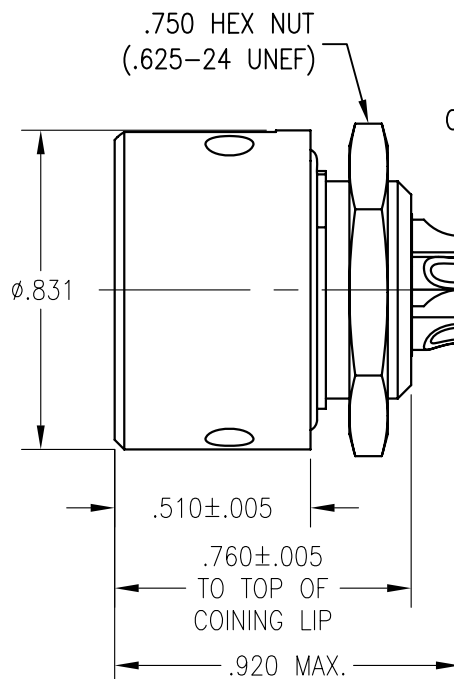




MAXIMUM PANEL THICKNESS .125

F/N: MC529.dwg

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
D	123° WAS 117°, 48° WAS 54°, .581 WAS .681, ADDED ISO VIEWS, CORRECTED THREAD FLATS LOCATION, ECO-04210	06-09-03	CBV
E	DELETED NOTE 7; ECO-05633	11-10-06	CBV



QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM									
PARTS LIST														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table border="1"> <tr> <th>FRACTIONS</th> <th>DECIMALS</th> <th>ANGLES</th> </tr> <tr> <td>±1/64</td> <td>.XX ±.01</td> <td>±1/2°</td> </tr> <tr> <td></td> <td>.XXX ±.003</td> <td></td> </tr> </table>			FRACTIONS	DECIMALS	ANGLES	±1/64	.XX ±.01	±1/2°		.XXX ±.003		CONTRACT NO.		
			FRACTIONS	DECIMALS	ANGLES									
±1/64	.XX ±.01	±1/2°												
	.XXX ±.003													
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.			APPROVALS <table border="1"> <tr> <th>DATE</th> <th>APPROVALS</th> </tr> <tr> <td>08/20/92</td> <td>A. Green</td> </tr> <tr> <td>11/13/06</td> <td>A. Huezo</td> </tr> </table>			DATE	APPROVALS	08/20/92	A. Green	11/13/06	A. Huezo			
DATE	APPROVALS													
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11/13/06	A. Huezo													
DO NOT SCALE DRAWING			MIL-CONTM AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO MC529 AUDIO CONNECTOR											
SCALE NONE			SIZE A FSCM NO. 63525 DWG. NO. SD: MC529 REV. E											
SHEET 1 OF 2			APPLICATIONS											

NEXT ASSEMBLY USED ON

APPLICATIONS

SPECIFICATIONS:

1) MATERIALS:

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

2) FINISHES/COLOR:

SHELL & HEX NUT: PASSIVATED, SAND
BLASTED.
CONTACTS: .000030 GOLD PER
MIL-G-45204, TYPE I,
CLASS 0, OVER .000100
NICKEL PER QQ-N-290.
INSULATOR: BLUE.

3) ELECTRICAL PROPERTIES

OPERATING VOLTAGE: 60 VOLTS MAX. POTENTIAL.
CURRENT RATING: 0.5 AMPS MAX.
DIELECTRIC BREAKDOWN: 500 VOLTS RMS.
INSULATION RESISTANCE: 1000 MEGOHMS MIN.
CONTACT RESISTANCE (MATED): 0.04 OHMS MAX.

4) MECHANICAL PROPERTIES:

AIR PRESSURE: 2.5 P.S.I.
WATER IMMERSION: 48 HOURS AT 6 FEET.
DURABILITY: 3000 CYCLES, MATE AND UNMATE.
OPERATING TEMPERATURE: -55°C TO +85°C.

5) MC529 MATES WITH:

MC283 - ALL VERSIONS.
MC283F - ALL VERSIONS.
MC283R - ALL VERSIONS.
MC328 - ALL VERSIONS.
MC683S - ALL VERSIONS.

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

MIL-CON™

DRAWN A. Green

ISSUED

FILE NAME: MC529.dwg

SIZE

A

FSCM NO.

63525

DWG. NO.

SD: MC529

REV.

E

SCALE NONE

SHEET 2 OF 2