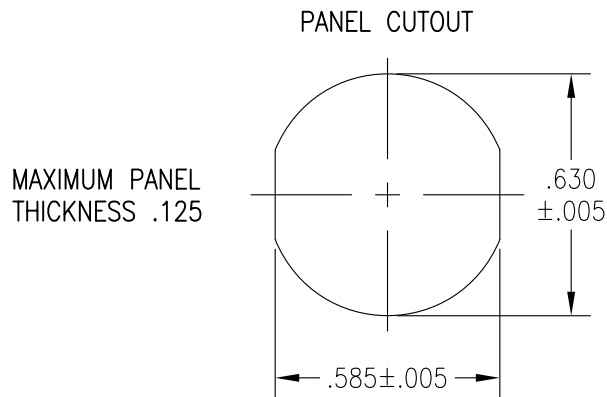
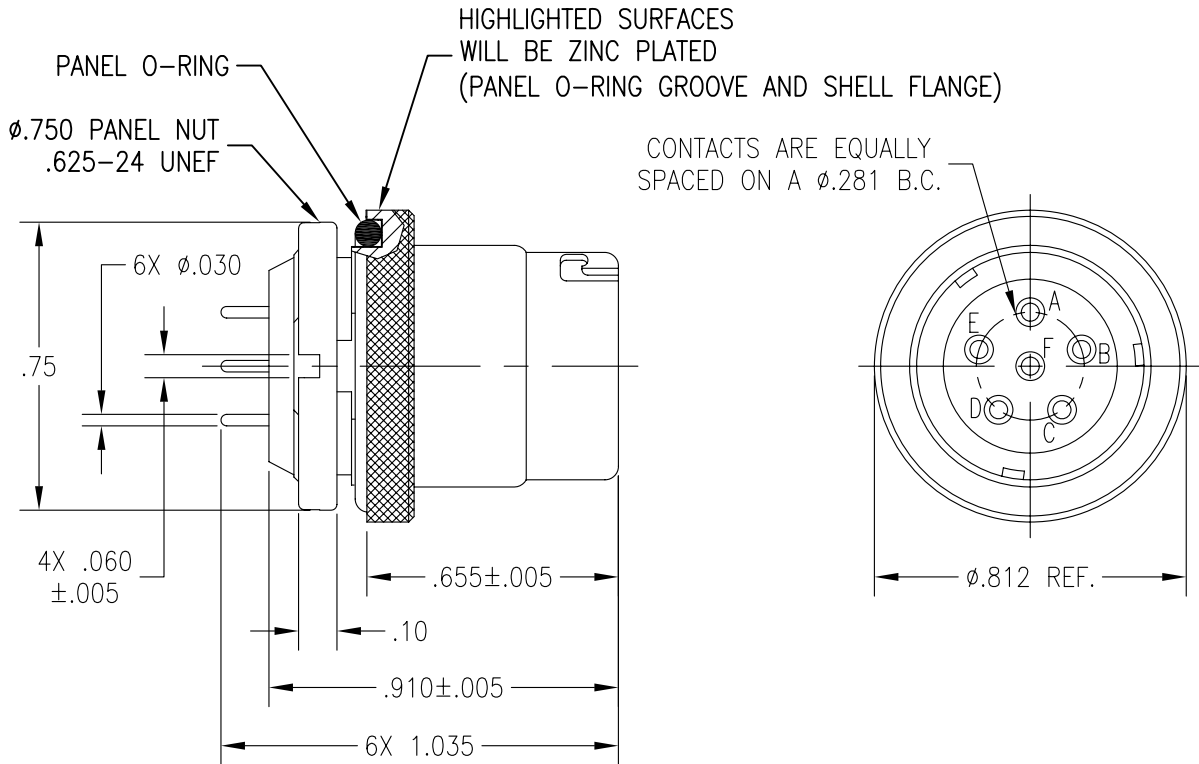


| APPLICATIONS | | REVISIONS | | | |
|---------------|---------|-----------|---------------------------|----------|----------|
| NEXT ASSEMBLY | USED ON | REV. | DESCRIPTION | DATE | APPROVED |
| | | P1 | RELEASED FOR PROTOTYPE | 04-11-06 | ADP |
| | | P2 | DELETED NOTE 7; ECO-05633 | 11-10-06 | CBV |



FILE NAME: MC683SZ-24CN4.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. | |
| APPROVALS | DATE |
| DRAWN C. Velasco | 03/21/06 |
| CHECKED A. Huevo | 11/13/06 |
| ISSUED | |

MIL-CONTM

AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO

AUDIO CONNECTOR; FRONT-MOUNT,
WITH SELECTIVE ZINC PLATING

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MANUFACTURE OR ANY OTHER
PURPOSE WITHOUT THE WRITTEN
CONSENT OF MIL-CON, INC.

DO NOT SCALE DRAWING

| | | | |
|---------------|-------------------|-------------------------------|------------|
| SIZE A | FSCM NO. 63525 | DWG. NO. SD: MC683SZ-24CN4 | REV. P2 |
| 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: PASSIVATED, SAND BLASTED, WITH SELECTIVE ZINC-PLATING
AROUND PANEL O-RING GROOVE AREA.
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:

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) MC683SZ-24CN4 MATES WITH:

MC617 - ALL VERSIONS.
MC329 - ALL VERSIONS.

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

| | | | | |
|------------------------------|------------------------------|----------|---------------|------|
| MIL-CON TM | FILE NAME: MC683SZ-24CN4.dwg | | | |
| | SIZE | FSCM NO. | DWG. NO. | REV. |
| | A | 63525 | MC683SZ-24CN4 | P2 |
| DRAWN C. Velasco | SCALE | NONE | SHEET 2 | OF 2 |
| ISSUED | | | | |