



FILE NAME: MC283R-10.dwg

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|---|--------------|----------|---|----------|------|
| 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™ AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO | | |
| | APPROVALS | DATE | MC283R-10 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 | DATE | 12/13/90 | |
| | CHECKED | A. Huevo | DATE | 11/13/06 | |
| | ISSUED | | | | |
| DO NOT SCALE DRAWING | SIZE | FSCM NO. | DWG. NO. | REV. | |
| | A | 63525 | SD: MC283R-10 | C | |
| | 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/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:
 OPERATING VOLTAGE: 60 VOLTS MAXIMUM POTENTIAL
 CURRENT RATING: 0.5 AMPS MAXIMUM
 DIELECTRIC BREAKDOWN: 500 VOLTS RMS
 INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM
 CONTACT RESISTANCE (MATED): 0.04 OHMS MAXIMUM
- 4) MECHANICAL PROPERTIES:
 AIR PRESSURE: 2.5 P.S.I.
 WATER IMMERSION: 48 HOURS AT 6 FEET
 DURABILITY: 3000 CYCLES, MATE AND UNMATE
- 5) MC283R-10 RECEPTACLE MATES WITH:
 MC617 - ALL VERSIONS
 MC329 - ALL VERSIONS
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED

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| | DRAWN A. Green | SCALE NONE | SHEET 2 | OF 2 |
| ISSUED | | | | |