



FILE NAME: MC283-13.dwg

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">FRACTIONS $\pm 1/64$</td> <td style="text-align: center;">DECIMALS .XX $\pm .01$</td> <td style="text-align: center;">ANGLES $\pm 1/2^\circ$</td> </tr> <tr> <td></td> <td style="text-align: center;">.XXX $\pm .003$</td> <td></td> </tr> </table> <p>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.</p>	FRACTIONS $\pm 1/64$	DECIMALS .XX $\pm .01$	ANGLES $\pm 1/2^\circ$.XXX $\pm .003$		<p>CONTRACT NO.</p>	<p>MIL-CONTM</p> <p>AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO</p>			
	FRACTIONS $\pm 1/64$	DECIMALS .XX $\pm .01$	ANGLES $\pm 1/2^\circ$								
	.XXX $\pm .003$										
<p>APPROVALS</p> <p>DRAWN A. Green</p> <p>CHECKED A. Huezo</p> <p>ISSUED</p>	<p>DATE</p> <p>12/13/90</p> <p>11/13/06</p>	<p>MC283-13 AUDIO CONNECTOR</p>									
<p>DO NOT SCALE DRAWING</p>		<p>SIZE</p> <p>A</p>	<p>FSCM NO.</p> <p>63525</p>	<p>DWG. NO.</p> <p>SD: MC283-13</p>	<p>REV.</p> <p>C</p>						
<p>SCALE NONE</p>		<p>SHEET 1 OF 2</p>									

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) MC283-13 RECEPTACLE MATES WITH:
MC617 - ALL VERSIONS
MC329 - ALL VERSIONS
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED

MIL-CONTM

FILE NAME: MC283-13.dwg

DRAWN A. Green

SIZE
A

FSCM NO.
63525

DWG. NO.
SD: MC283-13

REV.
C

ISSUED

SCALE NONE

SHEET 2 OF 2