



FILE NAME: MC183-8.dwg

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS $\pm 1/64$ DECIMALS .XX $\pm .01$ ANGLES $\pm 1/2^\circ$ .XXX $\pm .003$	CONTRACT NO.		<b>MIL-CON™</b> AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO						
	APPROVALS		DATE		MC183-8 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	12/03/90	SIZE			FSCM NO.	DWG. NO.	REV.
	CHECKED	A. Huezo	11/13/06	A	63525	SD: MC183-8		E	
	ISSUED			SCALE	NONE			SHEET 1 OF 2	
DO NOT SCALE DRAWING									

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) MC183-8 RECEPTACLE MATES WITH:  
MC217 - ALL VERSIONS  
MC229 - ALL VERSIONS
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED

**MIL-CON**<sup>TM</sup>

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SHEET 2 OF 2