



FILE NAME: MC729.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

MIL-CON™
AN AFFILIATE OF THE PHOENIX COMPANY OF CHICAGO

MC729 AUDIO CONNECTOR

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CONSENT OF MIL-CON, INC.

DRAWN A. Green	09/11/91
CHECKED A. Huezo	10/13/06
ISSUED	

SIZE A	FSCM NO. 63525	DWG. NO. SD: MC729	REV. D
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DO NOT SCALE DRAWING

SCALE NONE SHEET 1 OF 2

SPECIFICATIONS:

- 1) MATERIALS:
SHELL: STAINLESS STEEL
CONTACTS: COPPER ALLOY
INSULATOR: DIALLYL PHTHALATE PER MIL-M-14, TYPE MDG
- 2) FINISHES/COLOR:
SHELL: 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 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) MC729 PLUG MATES WITH:
MC283 - ALL VERSIONS
MC328 - ALL VERSIONS
MC683S - ALL VERSIONS
MC283R - ALL VERSIONS
- 6) DIMENSIONS ARE FOR REFERENCE ONLY, UNLESS OTHERWISE SPECIFIED

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	A	63525	SD: MC729	D
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