

PART NO.	A79290-001	REV	ECO	DATE	APP
		D	101657	06-05-15	TLM

MATERIALS & SPECIFICATIONS

INSULATOR
THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL
PINS - BERYLLIUM COPPER PER ASTM B194, ALLOY C17200

CONTACT FINISH
GOLD PLATE PER ASTM B488, TYPE II (HARD GOLD), CODE C,
CLASS 1.27 (.000050)

WIRE
32 AWG, 7 STRAND, TYPE ET PER NEMA HP3

SHELLS
BRASS ALLOY 360

SHELL FINISH
ELECTROLESS NICKEL PER SAE-AMS-2404

O-RING
BUNA-N

CURRENT RATING
1 AMP PER MIL-DTL-32139

CONTACT RESISTANCE
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER
MIL-DTL-32139

PERFORMANCE
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF MIL-DTL-32139

SEALING PERFORMANCE
PRODUCT FAMILY TESTED TO AND PASSED IP68 REQUIREMENTS
WHEN MATED WITH ANOTHER IP68 RATED CONNECTOR

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		-TOLERANCES- UNLESS OTHERWISE NOTED	DFTM. NJS	DATE 01-24-12	TITLE: (16) PIN MALE NANO THREADED PANEL MOUNT SEALED CIRCULAR CONNECTOR		DWG NO. A79290-001	REV D
		DIMENSIONS IN INCHES	CHK'D.	DATE			SHEET 2 OF 2	
		2 PL DEC ± .01 3 PL DEC ± .005 4 PL DEC ± .0005 ANGLES ± 1°	APP'D.	DATE			SCALE: 3:1	