

MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE PER
AMS-C-26074

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

CONTACT:
COPPER ALLOY PER MIL-DTL-32139,
GOLD PLATED PER ASTM B488, (HARD
GOLD) TYPE II CODE C, CLASS 1.27

WIRE:
NEMA HP3 TYPE ET, COLOR CODED IAW
MIL-STD-681, SYSTEM 1, USING TEN
SOLID REPEATING COLORS

HARDWARE:
17-7 STAINLESS STEEL

CURRENT RATING:
1 AMP MAX PER MIL-DTL-32139

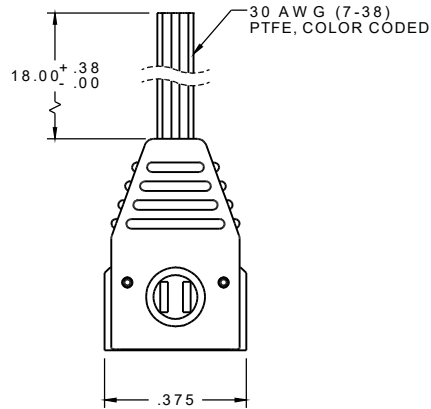
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @
1.0 AMPS PER MIL-DTL-32139

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

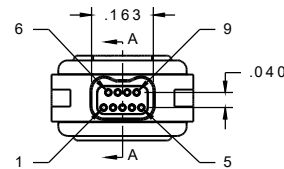
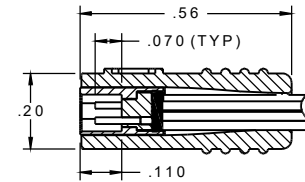
INTERNAL USE ONLY
USE MFG LOADING
PROCEDUER A29000-009



ACTUAL SIZE
EXCLUDING WIRE LENGTH



SOCKET #	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY



SECTION A-A

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	UNLESS OTHERWISE NOTED							
	DIMENSIONS IN INCHES		TITLE:					
	2 PL D E C ± .01		(9) SOCKET FEMALE					
SLDW	3 PL D E C ± .005		DFTM. JPF		01-28-08		LATCHING Bi-Lobe®	
	4 PL D E C ± .0005		CHK'D.				CONNECTOR	
	ANGLES ± 1°		APP'D.				7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	

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