MATERIALS & SPECIFICATIONS

PART NO.	A29050-037	REV	ECO	DATE	APP
		B	96328	11-20-09	TLM

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

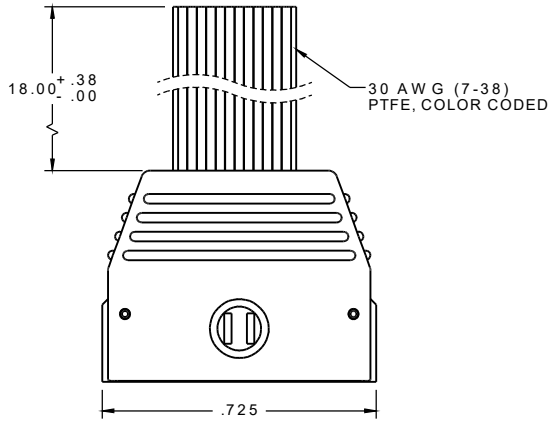
WIRE:
NEMA HP3 TYPE ET, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

HARDWARE:
17-7 STAINLESS STEEL

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

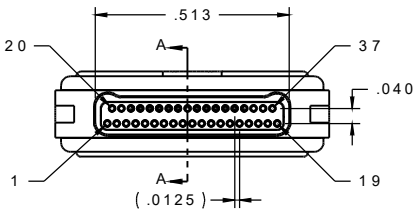
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139

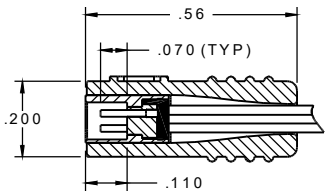
PERFORMANCE:
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VIII OF MIL-DTL-32139



SOCKET #	COLOR
1, 11, 21, 31	BLACK
2, 12, 22, 32	BROWN
3, 13, 23, 33	RED
4, 14, 24, 34	ORANGE
5, 15, 25, 35	YELLOW
6, 16, 26, 36	GREEN
7, 17, 27, 37	BLUE
8, 18, 28	VIOLET
9, 19, 29	GRAY
10, 20, 30	WHITE

INTERNAL USE ONLY
USE MFG LOADING PROCEDURE A29000-037





SECTION A-A



ACTUAL SIZE
EXCLUDING WIRE LENGTH

MNSL SLDW	THIRD ANGLE -TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES 2 PL DEC ± .01 3 PL DEC ± .005 4 PL DEC ± .0005 ANGLES ± 1°	DFTM. JPF	01-28-08	TITLE: (37) SOCKET FEMALE LATCHING Bi-Lobe® CONNECTOR
		CHK'D.		
		APP'D.		

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CAGE CODE 61873
DWG NO. A29050-037
SHEET 1 OF 1
SCALE: 3:1
REV B