MATERIALS & SPECIFICATIONS

PART NO.	A29600-031	REV	ECO	DATE	APP
		F	96567	03-15-10	TLM

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

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

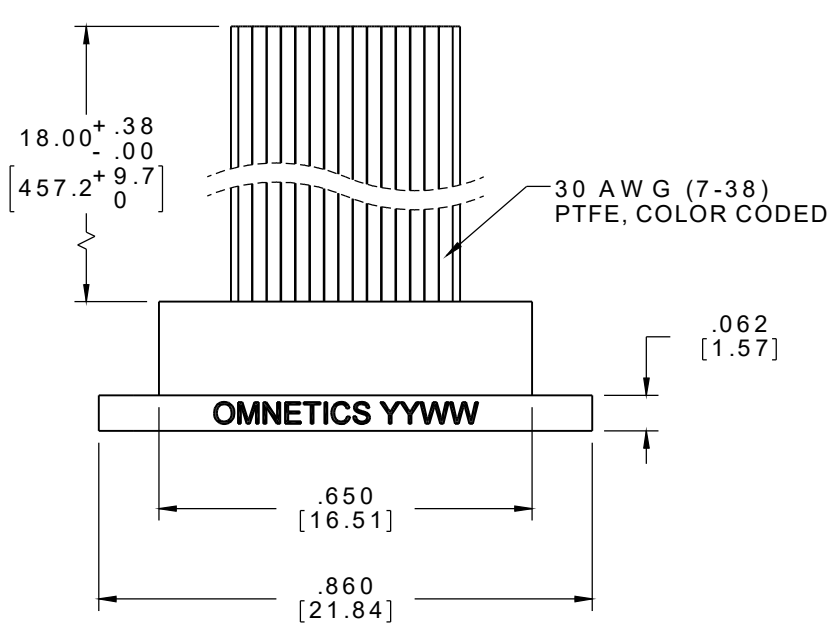
CONTACTS:
COPPER ALLOY PER MIL-DTL-32139, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C, CLASS 1.27

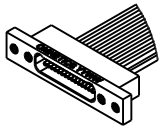
WIRE:
NEMA HP3 TYPE ET, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS

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

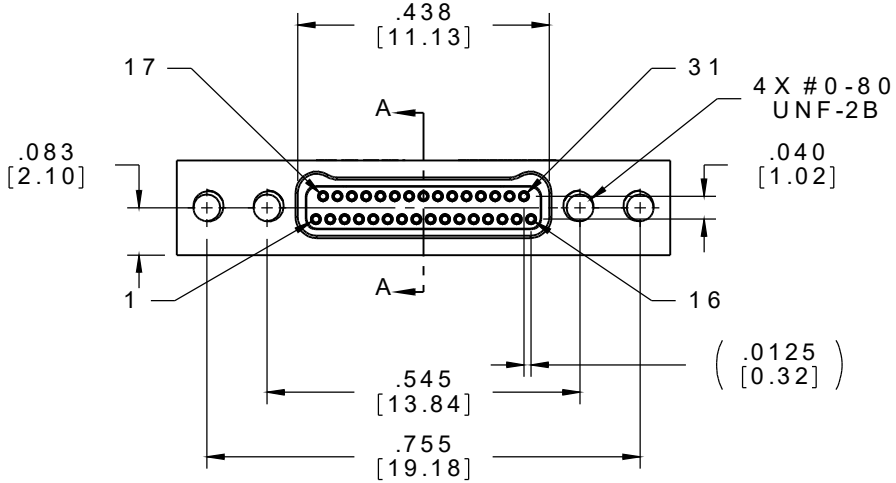


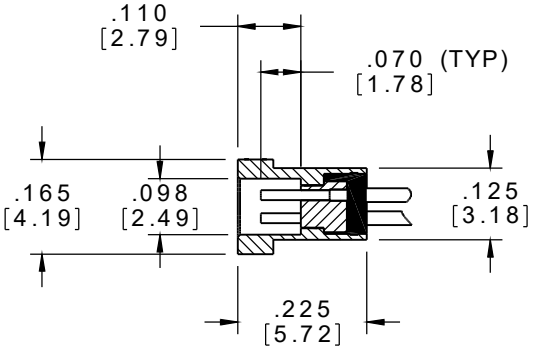


ACTUAL SIZE
EXCLUDING WIRE LENGTH

INTERNAL USE ONLY

SHEET 2 OF 2 IS A MFG LOADING DIAGRAM





SECTION A-A

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

MNSOP SLDW

THIRD ANGLE

-TOLERANCES-
UNLESS OTHERWISE NOTED
DIMENSIONS IN INCHES
2 PL DEC± .01
3 PL DEC± .005
4 PL DEC± .0005
ANGLES ± 1°

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		DATE
DFTM. AAS		05-14-04
CHK'D.		DATE
APP'D.		DATE

TITLE:
(31) SOCKET FEMALE
Bi-Lobe® CONNECTOR

OMNETICS CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873
DWG NO. A29600-031
SHEET 1 OF 2
REV F
SCALE: 3:1