

MATERIALS & SPECIFICATIONS

PART NO.	A29000-121	REV	ECO	DATE	APP
		G	96258	10-19-09	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:

303 STAINLESS STEEL PER ASTM 582

CURRENT RATING:

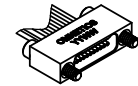
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

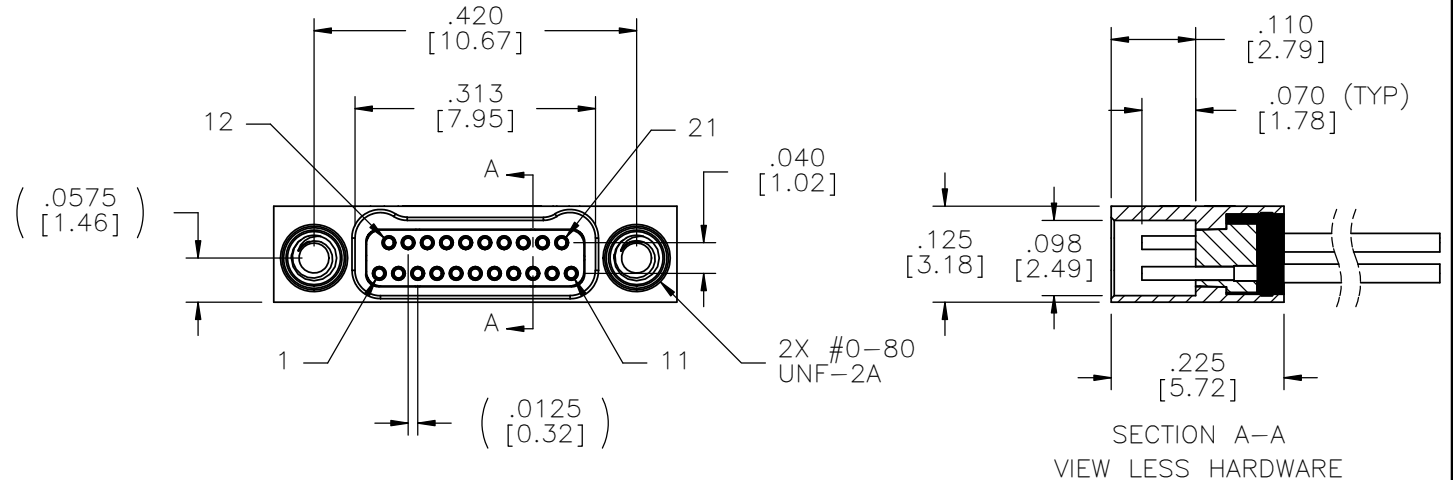
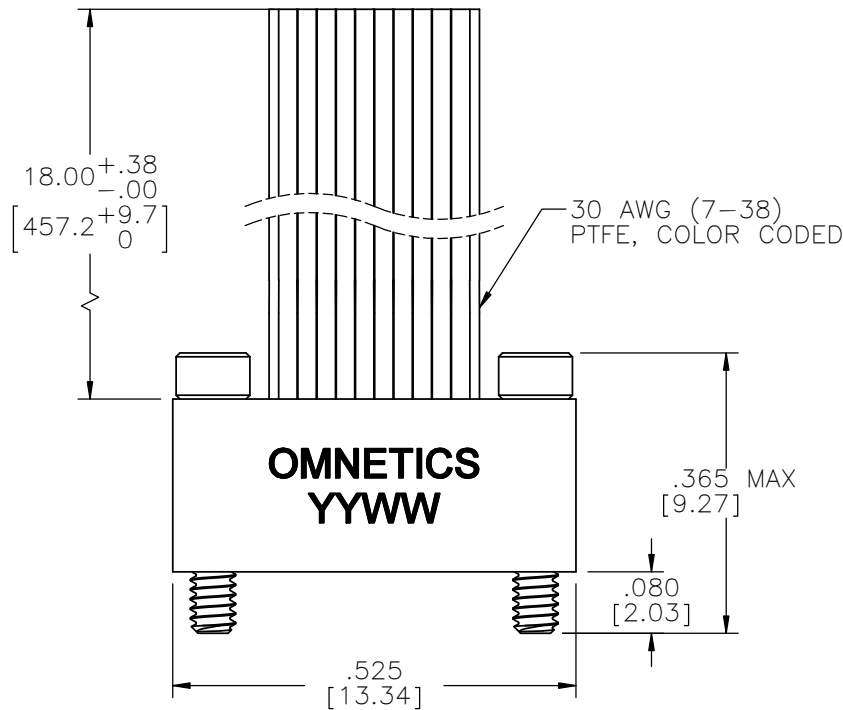
71 MILLIOHM MAX (71mV DROP MAX)
@ 1.0 AMPS PER MIL-DTL-32139

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

SOCKET #	COLOR
1, 11, 21	BLACK
2, 12	BROWN
3, 13	RED
4, 14	ORANGE
5, 15	YELLOW
6, 16	GREEN
7, 17	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE

MNS/D SLD/W	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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DFTM. AAS DATE 05-10-04
CHK'D. DATE
APP'D. DATE

TITLE:
(21) SOCKET FEMALE
BI-LOBE CONNECTOR

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

CAGE CODE	61873
DWG NO.	A29000-121
SHEET 1 OF 2	REV G
SCALE:	4:1