

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 60601-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

CURRENT RATING:

1 AMP MAX PER MIL-DTL-32139

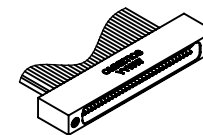
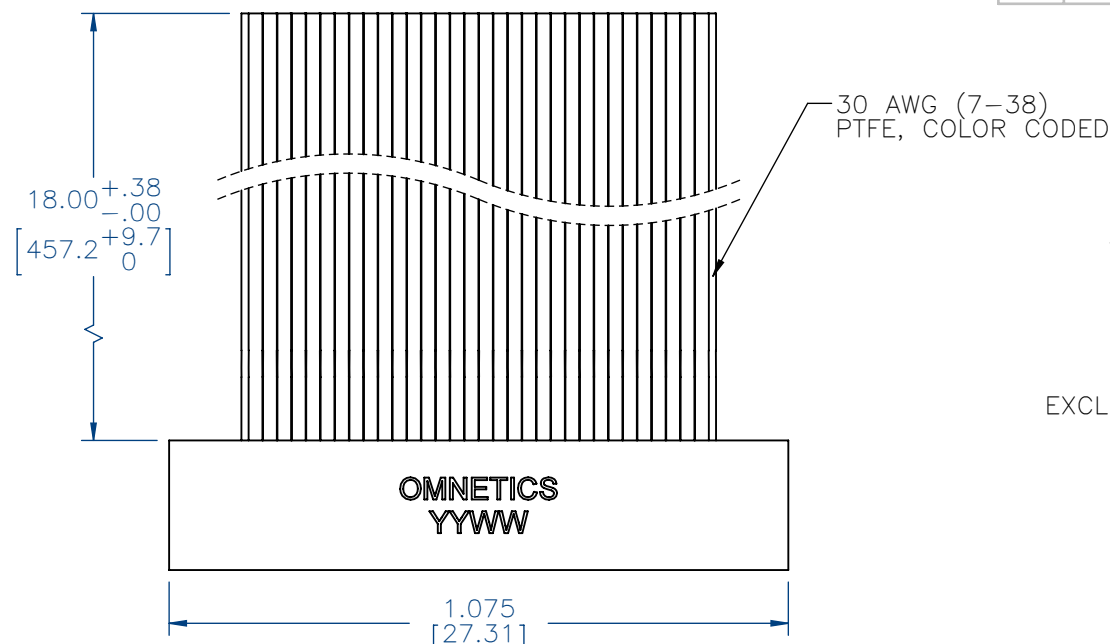
CONTACT RESISTANCE:

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

PERFORMANCE:

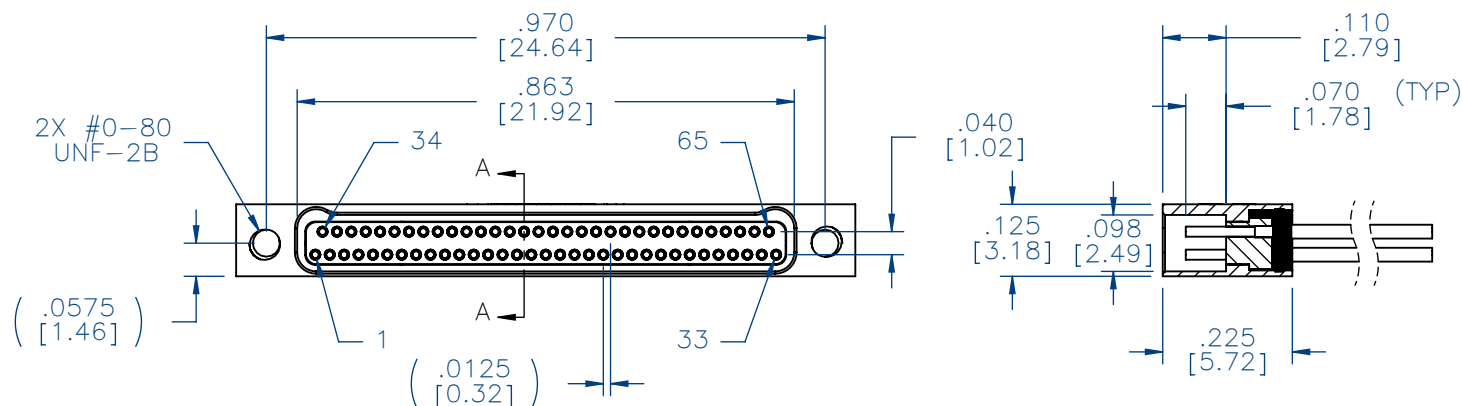
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139.

PART NO.	A29000-065	REV	ECO	DATE	APP
		G	96257	10-19-09	TLM



ACTUAL SIZE
EXCLUDING WIRE LENGTH

SOCKET #	COLOR
1, 11, 21, 31, 41, 51, 61	BLACK
2, 12, 22, 32, 42, 52, 62	BROWN
3, 13, 23, 33, 43, 53, 63	RED
4, 14, 24, 34, 44, 54, 64	ORANGE
5, 15, 25, 35, 45, 55, 65	YELLOW
6, 16, 26, 36, 46, 56	GREEN
7, 17, 27, 37, 47, 57	BLUE
8, 18, 28, 38, 48, 58	VIOLET
9, 19, 29, 39, 49, 59	GRAY
10, 20, 30, 40, 50, 60	WHITE



INTERNAL USE ONLY

SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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

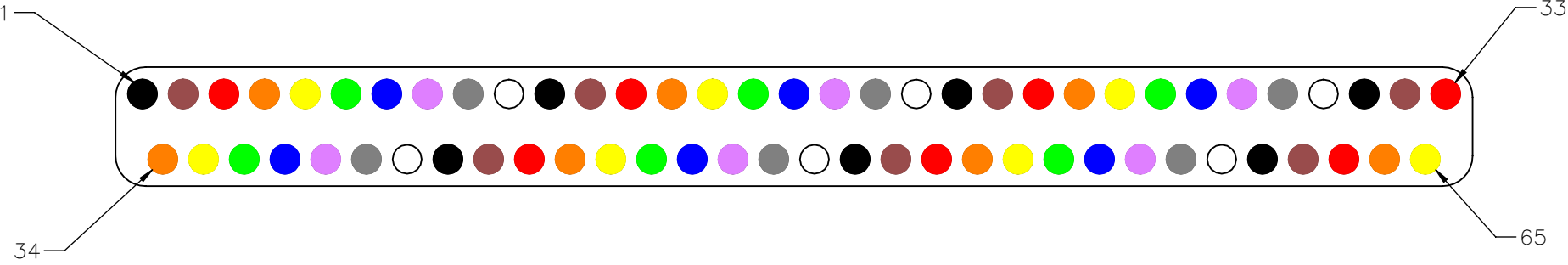
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DFTM. AAS	DATE 5/7/2004
CHK'D.	DATE
APP'D.	DATE

TITLE:
(65) SOCKET FEMALE
BI-LOBE CONNECTOR

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

CAGE CODE A61873	SECTION A-A
DWG NO. A29000-065	
SHEET 1 OF 2	REV G
SCALE: 3:1	



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