

MATERIALS & SPECIFICATIONS

PART NO.	A29600-051	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

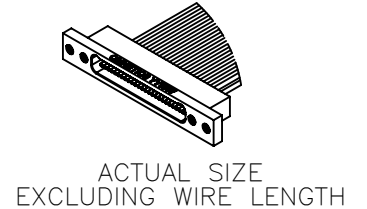
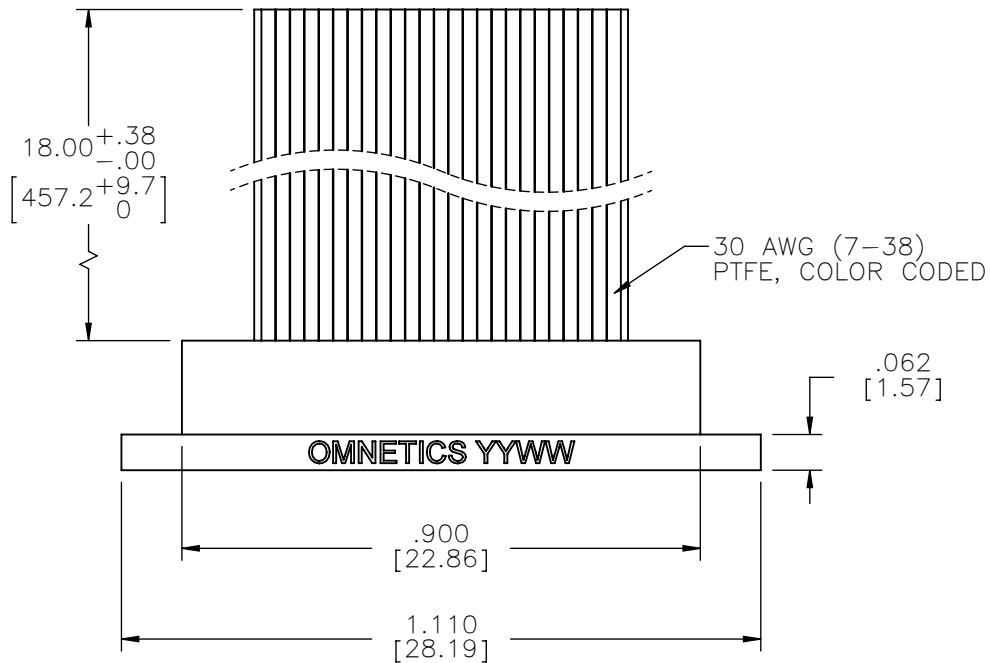
CONTACTS:
COPPER ALLOY PER MIL-DTL-
32139, GOLD PLATED PER ASTM
B488, (HARD GOLD) TYPE II
CODE C, CLASS 1.27

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

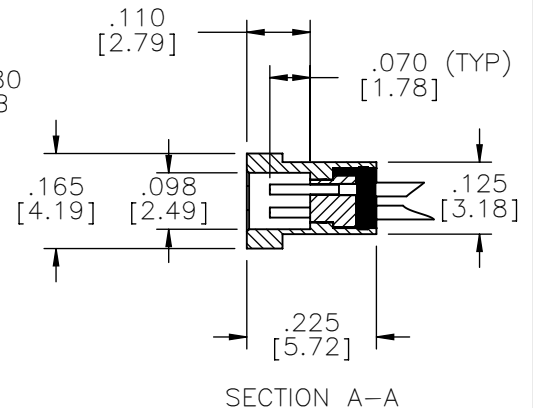
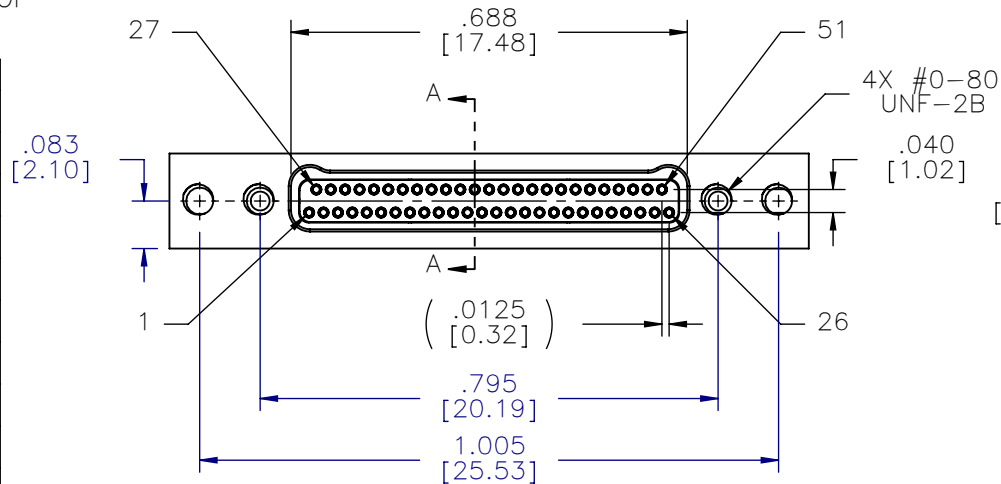
CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP
MAX) @ 1.0 AMPS PER MIL-
DTL-32139

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



INTERNAL USE ONLY
SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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



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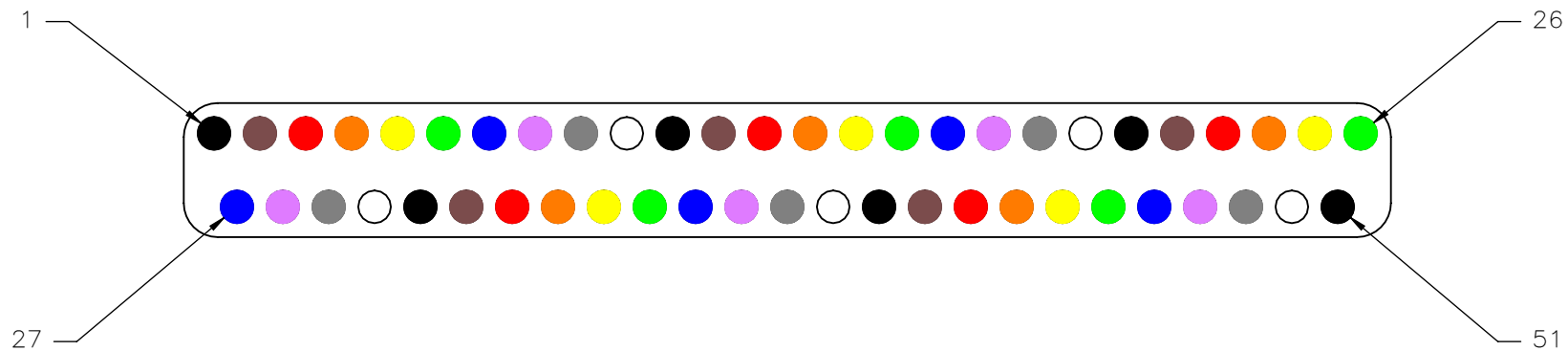
DFTM. AAS DATE 05-14-04
CHK'D. DATE
APP'D. DATE

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

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

CAGE CODE 61873
DWG NO. A29600-051
SHEET 1 OF 2
SCALE: 3:1
REV F

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MNSOP SLDW	THIRD ANGLE
	—TOLERANCES—
	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC $\pm$.01 3 PL DEC $\pm$.005 4 PL DEC $\pm$.0005 ANGLES $\pm$ 1°

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DFTM. AAS	DATE	TITLE: (51) SOCKET FEMALE Bi-Lobe® CONNECTOR	
CHK'D.	DATE		
APP'D.	DATE		

 OMNETICS CONNECTOR CORPORATION 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	CAGE CODE 61873	
	DWG NO. A29600-051	
	SHEET 2 OF 2	REV F

SCALE: 10:1	
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