

MATERIALS & SPECIFICATIONS

PART NO.	A29000-125	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

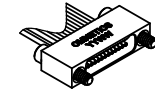
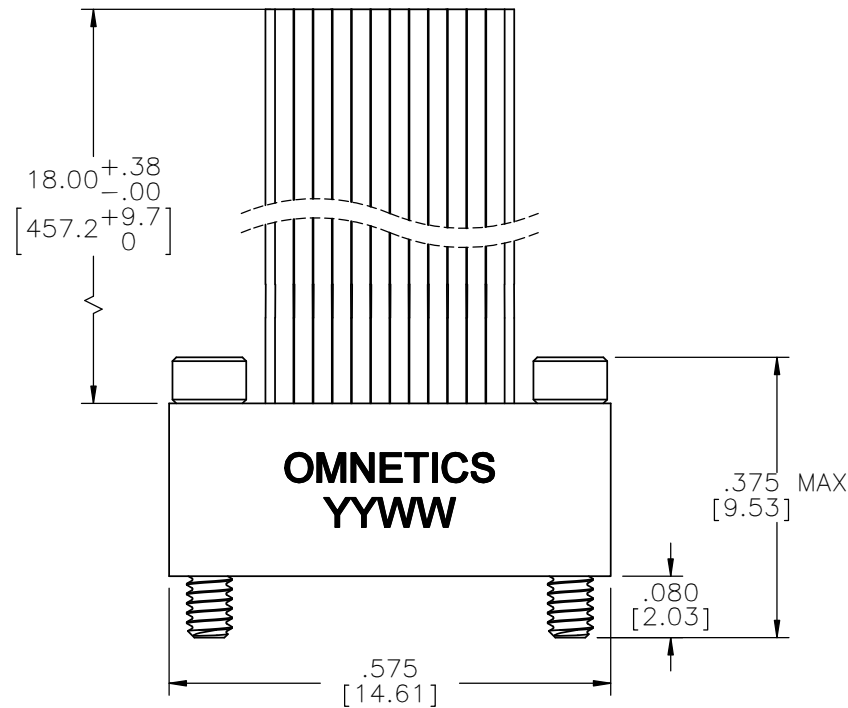
PERFORMANCE:

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

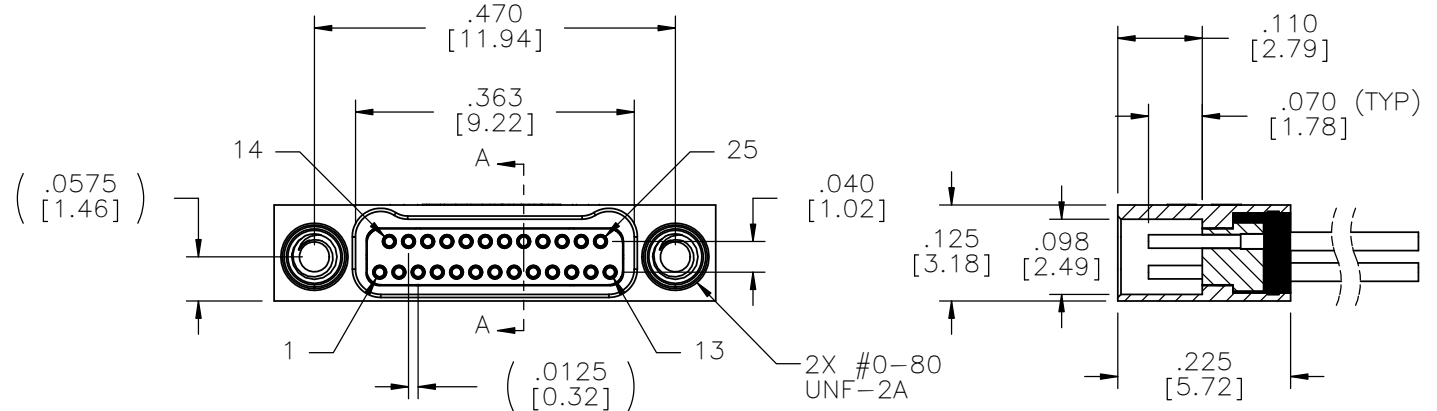
INTERNAL USE ONLY

SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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



ACTUAL SIZE
EXCLUDING WIRE LENGTH



SECTION A-A
VIEW LESS HARDWARE

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	—TOLERANCES— UNLESS OTHERWISE NOTED					DWG NO.	
	DIMENSIONS IN INCHES	DFTM. AAS	DATE 05-10-04	TITLE: (25) SOCKET FEMALE BI-LOBE CONNECTOR		A29000-125	
	2 PL DEC±.01 3 PL DEC±.005 4 PL DEC±.0005 ANGLES ± 1°	CHK'D.	DATE			SHEET 1 OF 2	REV
	APP'D.	DATE			SCALE: 4:1	G	