MATERIALS & SPECIFICATIONS

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

CONTACTS:
1, 11, 21, 31 BLACK
2, 12, 22, 32 BROWN
3, 13, 23, 33 RED
4, 14, 24, 34 ORANGE
5, 15, 25, 35 YELLOW
6, 16, 26, 36 GREEN
7, 17, 27, 37 BLUE
8, 18, 28 VIOLET
9, 19, 29 GRAY
10, 20, 30 WHITE

omnia AV A80 080 UNF-2B
### Tolerances

**UNLESS OTHERWISE NOTED**

**SCALE:** 10:1

**DIMENSIONS IN INCHES**

**CAGE CODE:** 61873

**F 96567 03-15-10**

**MNSOP SLDW**

7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432

WWW.OMNETICS.COM

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**SOCKET #**

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<thead>
<tr>
<th>SOCKET #</th>
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<tbody>
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