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

SOCKET # | COLOR
--- | ---
1 | BLACK
2 | BROWN
3 | RED
4 | ORANGE
5 | YELLOW
6 | GREEN
7 | BLUE
8 | VIOLET
9 | GRAY

WIRE:
30 AWG (7-38) PTFE, COLOR CODED

DIMENSIONS IN INCHES

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TITLE: (9) SOCKET FEMALE Bi-Lobe® CONNECTOR

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

REV: 96567
DATE: 03-15-10
ECO: TLM
APP: DFTM. AAS
CHECK'D.
APP'D.

SECTION A-A

INTERNAL USE ONLY
SHEET 2 OF 2 IS A MFG LOADING DIAGRAM
<table>
<thead>
<tr>
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