MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6060-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

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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

TABLE:

<table>
<thead>
<tr>
<th>SOCKET #</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BLACK</td>
</tr>
<tr>
<td>2</td>
<td>BROWN</td>
</tr>
<tr>
<td>3</td>
<td>RED</td>
</tr>
<tr>
<td>4</td>
<td>ORANGE</td>
</tr>
<tr>
<td>5</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6</td>
<td>GREEN</td>
</tr>
<tr>
<td>7</td>
<td>BLUE</td>
</tr>
<tr>
<td>8</td>
<td>VIOLET</td>
</tr>
<tr>
<td>9</td>
<td>GRAY</td>
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