MATERIALS & SPECIFICATIONS

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

<table>
<thead>
<tr>
<th>SOCKET #</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 11, 21, 31</td>
<td>BLACK</td>
</tr>
<tr>
<td>2, 12, 22, 32</td>
<td>BROWN</td>
</tr>
<tr>
<td>3, 13, 23, 33</td>
<td>RED</td>
</tr>
<tr>
<td>4, 14, 24, 34</td>
<td>ORANGE</td>
</tr>
<tr>
<td>5, 15, 25, 35</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6, 16, 26, 36</td>
<td>GREEN</td>
</tr>
<tr>
<td>7, 17, 27, 37</td>
<td>BLUE</td>
</tr>
<tr>
<td>8, 18, 28</td>
<td>VIOLET</td>
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<tr>
<td>9, 19, 29</td>
<td>GRAY</td>
</tr>
<tr>
<td>10, 20, 30</td>
<td>WHITE</td>
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</tbody>
</table>

PART NO. A29000-137
REV G
ECO 96258
DATE 10-19-09
APP TLM

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