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 MILLIOMH 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</td>
<td>BLACK</td>
</tr>
<tr>
<td>2, 12, 22</td>
<td>BROWN</td>
</tr>
<tr>
<td>3, 13, 23</td>
<td>RED</td>
</tr>
<tr>
<td>4, 14, 24</td>
<td>ORANGE</td>
</tr>
<tr>
<td>5, 15, 25</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6, 16</td>
<td>GREEN</td>
</tr>
<tr>
<td>7, 17</td>
<td>BLUE</td>
</tr>
<tr>
<td>8, 18</td>
<td>VIOLET</td>
</tr>
<tr>
<td>9, 19</td>
<td>GRAY</td>
</tr>
<tr>
<td>10, 20</td>
<td>WHITE</td>
</tr>
</tbody>
</table>

DIMENSIONS IN INCHES

ADJUSTABLE TOLERANCES:
- TOLERANCES:
  UNLESS OTHERWISE NOTED

CONTACT:
ASTM D5138
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 MILLIOMH 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

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 MILLIOMH 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</td>
<td>BLACK</td>
</tr>
<tr>
<td>2, 12, 22</td>
<td>BROWN</td>
</tr>
<tr>
<td>3, 13, 23</td>
<td>RED</td>
</tr>
<tr>
<td>4, 14, 24</td>
<td>ORANGE</td>
</tr>
<tr>
<td>5, 15, 25</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6, 16</td>
<td>GREEN</td>
</tr>
<tr>
<td>7, 17</td>
<td>BLUE</td>
</tr>
<tr>
<td>8, 18</td>
<td>VIOLET</td>
</tr>
<tr>
<td>9, 19</td>
<td>GRAY</td>
</tr>
<tr>
<td>10, 20</td>
<td>WHITE</td>
</tr>
</tbody>
</table>