**MATERIALS & SPECIFICATIONS**

**INSULATOR:**
POLYPHENYLENE SULFIDE (PPS)
PER MIL-M-24519, TYPE GST 40F.

**CONTACT:**
BERYLLIUM COPPER PER ASTM
B194, C17200. GOLD PLATED
PER ASTM B488. (HARD GOLD)
TYPE II CODE C CLASS 1.27.

**TERMINATION:**
26 AWG (7-34) TYPE E, PER
NEMA HP3, COLOR CODED PER
TABLE.

**LATCH BOX:**
BERYLLIUM COPPER PER ASM
B194 NICKEL PLATE PER SAE-
AMS-2404.

**CURRENT CAPACITY:**
3 AMP MAX.

**CONTACT RESISTANCE:**
26 MILLIOHMS (65mV) MAX @
2.5 AMPS.

**PERFORMANCE:**
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VII OF
MIL-DTL-83513.

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**NOTE:**
DIMENSIONS IN [ ] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY

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**ACTUAL SIZE EXCLUDING WIRE LENGTH**

<table>
<thead>
<tr>
<th>PIN #</th>
<th>COLOR</th>
</tr>
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<tbody>
<tr>
<td>1, 11</td>
<td>BLACK</td>
</tr>
<tr>
<td>2, 12</td>
<td>BROWN</td>
</tr>
<tr>
<td>3, 13</td>
<td>RED</td>
</tr>
<tr>
<td>4, 14</td>
<td>ORANGE</td>
</tr>
<tr>
<td>5, 15</td>
<td>YELLOW</td>
</tr>
<tr>
<td>6, 16</td>
<td>GREEN</td>
</tr>
<tr>
<td>7</td>
<td>BLUE</td>
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<tr>
<td>8</td>
<td>VIOLET</td>
</tr>
<tr>
<td>9</td>
<td>GRAY</td>
</tr>
<tr>
<td>10</td>
<td>WHITE</td>
</tr>
</tbody>
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**OMNETICS**

CAGE CODE 61873

DWG NO. A24000-016

SHEET 1 OF 1

REV E

SCALE: 3:1

**OMNETICS CONNECTOR CORPORATION**

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MINNEAPOLIS, MN 55432

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