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 ASTM B194 NICKEL PLATE PER SAE-AMS-2404.

CURRENT CAPACITY:
3 AMP MAX.

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

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

26 AWG (7-34) PTFE, COLOR CODED

<table>
<thead>
<tr>
<th>PIN #</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>
</tbody>
</table>

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

THIRD ANGLE - TOLERANCES - UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES

DFTM. SKP: 06-27-02 TITLE: (8) PIN MALE CONNECTOR W/LATCH

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

CAGE CODE 61873
DWG NO. A24000-008
SHEET 1 OF 1 REV E
SCALE: 4:1