Series 501 Strip-Line™ Socket Strip w/Bifurcated Contacts & Wire Wrap Pins

FEATURES
- Mount Liquid Crystal Displays or Other High Pin-count or Odd-centered Components
- Available in Several Sizes with Bifurcated Contacts in Wire Wrap or Solder Pin Tails Consult Data Sheet 12008 for Solder Pin Tails
- Optional Spacer for Mounting on 0.300 [7.62], 0.600 [15.24], 0.900 [22.86], 1.100 [27.94], and 1.300 [33.02] Centers Consult factory for other sizes.

GENERAL SPECIFICATIONS
- BODY: black UL 94V-0 glass-filled 4/6 Nylon
- PIN: Grade A Phosphor Bronze per QQ-B-750
- OPTIONAL SPACER: FR-4 0.032 [0.81] thick
- CURRENT RATING: 1 amp
- OPERATING TEMPERATURE: -67°F to 221°F [-55°C to 105°C] Sn & Sn/Pb plat- ing; -67°F to 257°F [-55°C to 125°C] Au
- INSERTION FORCE: 110g/pin average
- WITHDRAWAL FORCE: 75g/pin average
- ACCEPTS: flat leads up to 0.014 x 0.020 wide [0.36-0.51], Round Leads up to 0.020 [0.51] dia.
- SOCKET ACCEPTS: lead lengths from seating plane 0.080-0.160 [2.03-4.06]

MOUNTING CONSIDERATIONS
- SUGGESTED PCB HOLE SIZE: 0.045 ±0.002 [0.1.14 ±0.05] dia.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>XX-0 501-X XXX</th>
<th>Plating</th>
<th>Termination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 = Sn</td>
<td>1 = Au</td>
</tr>
<tr>
<td></td>
<td>0TL = Sn/Pb</td>
<td></td>
</tr>
<tr>
<td>Series</td>
<td>2 = 2-level Wire Wrap</td>
<td>2 = 3-level Wire Wrap</td>
</tr>
<tr>
<td>Single Row Socket</td>
<td>No. of Pins (See Table)</td>
<td></td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>No. of Pins</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>34</th>
<th>40</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Grooves</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

**CONTACT DETAIL**

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR STRIP-LINE SOCKETS W/SOLDER PIN TAILS, SEE DATA SHEETS 12008
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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