.100" (2.54 mm) Universal DIP Sockets

- For DIP's with .100" (2.54 mm) lead spacing
- Extra wide contact zone allows insertion of DIP's with distance between rows from .300" (7.62 mm) through .600" (15.24 mm)
- Lever actuated zero insertion force mechanism
- Socket contact point of .090" (2.29 mm) below top surface of socket

Date Issued: February 20, 2001

Physical

**Insulation**
- Material: Glass Filled Polysulfone
- Flammability: UL 94V-0
- Color: Green
- Marking: 3M Logo & Part Number Identifier

**Contact**
- Material: Beryllium Copper
- Plating: 30 μ" (0.76 μm) Gold over 50 μ" (1.3 μm) Nickel

Electrical

**Current Rating:** 1 Amp
**Insulation Resistance:** $> 1 \times 10^9 \Omega$ at 500 Vdc
**Withstanding Voltage:** 1000 Vrms at Sea Level

Environmental

**Operating Temperature Rating:** -55°C to +150°C

Mechanical

When used as a test socket at room temperature 24°C the socket will last 20,000 actuations.
.100" (2.54 mm) Universal DIP Sockets

<table>
<thead>
<tr>
<th>Contact Quantity</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>24</td>
<td>1.77 [45.0]</td>
</tr>
<tr>
<td>28</td>
<td>1.99 [50.5]</td>
</tr>
<tr>
<td>32</td>
<td>2.19 [56.6]</td>
</tr>
<tr>
<td>40</td>
<td>2.59 [65.8]</td>
</tr>
<tr>
<td>42</td>
<td>2.69 [68.2]</td>
</tr>
</tbody>
</table>

Contact Tail Length applies only to 42 position socket.

Ordering Information

<table>
<thead>
<tr>
<th>Socket Part Number</th>
<th>Contact Quantity</th>
<th>Mating Receptacle Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>224-1286-00-0602J</td>
<td>24</td>
<td>224-1275-XX-0602J</td>
</tr>
<tr>
<td>228-1371-00-0602J</td>
<td>28</td>
<td>228-1277-XX-0602J</td>
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<td>232-1287-00-0602J</td>
<td>32</td>
<td>232-1285-XX-0602J</td>
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<td>240-1288-00-0602J</td>
<td>40</td>
<td>240-1280-XX-0602J</td>
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<td>242-1289-00-0602J</td>
<td>42</td>
<td>242-1281-XX-0602J</td>
</tr>
</tbody>
</table>

Contact Tail Length:
- XX = 09 Solder Tail .13 [3.3] w/flanges
- 19 Wire Wrap Tail .62 [15.8] w/flanges
- 29 Solder Tail .13 [3.3] w/out flanges
- 39 Wire Wrap Tail .62 [15.8] w/out flanges

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Sheet 2 of 2

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For technical, sales or ordering information call 800-328-0411
or visit our website: http://www.3M.com/ehpd