Test & Burn-In SOIC Sockets

• Lid can be actuated from top or front and is compatible with automated load/unload equipment
• Compact envelope and side to side stackability maximize board density
• Tweezer slot for easy manual loading/unloading
• Lid applies 80 grams normal force per lead for maximum electrical reliability
• Accepts Gull Wing JEDEC device sizes in .150" (3.81 mm) and .300" (7.62 mm) body widths

Physical

Insulation
Material: Glass Filled Polyethersulfone
Flammability: UL 94V-0
Color: Black
Marking: 3M Logo & Part Number Identifier
Contact
Material: Beryllium-Copper
Plating: 30 μ" (0.76 μm) Gold over 50 μ" (1.3 μm) Nickel

Environmental

Current Rating: 1 Amp
Insulation Resistance: > 1 × 10^{12} Ω at 500 Vdc
Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Operating Temperature Rating: -55°C to +150°C
### Test & Burn-In SOIC Sockets

#### Part Number | Dimensions | A | B | C | D
---|---|---|---|---|---
7391 | 1.45 [ 36.8 ] | .47 [ 11.9 ] | .79 [ 20.0 ] | 1.52 [ 38.0 ]
7383 | 1.69 [ 42.9 ] | .80 [ 20.3 ] | .92 [ 23.3 ] | 1.74 [ 44.2 ]
7224 | 1.71 [ 43.4 ] | .82 [ 20.8 ] | .94 [ 24.3 ] | 1.77 [ 45.0 ]
7223 | 1.72 [ 43.7 ] | .84 [ 21.3 ] | .95 [ 24.7 ] | 1.78 [ 45.3 ]
7201 | 1.73 [ 44.0 ] | .86 [ 21.8 ] | .96 [ 25.1 ] | 1.79 [ 45.6 ]
7396 | 1.69 [ 42.9 ] | .80 [ 20.3 ] | .93 [ 24.0 ] | 1.74 [ 44.2 ]
7474 | 1.69 [ 42.9 ] | .80 [ 20.3 ] | .93 [ 24.0 ] | 1.74 [ 44.2 ]

#### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Leads</th>
<th>SOIC Body Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-7391-55-1902</td>
<td>8</td>
<td>.150 [ 3.81 ]</td>
</tr>
<tr>
<td>214-7390-55-1902</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>216-7383-55-1902</td>
<td>16</td>
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<tr>
<td>216-7224-55-1902</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>218-7223-55-1902</td>
<td>20</td>
<td>.300 [ 7.62 ]</td>
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<td>220-7201-55-1902</td>
<td>24</td>
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</tr>
<tr>
<td>224-7397-55-1902</td>
<td>28</td>
<td>.330 [ 8.38 ]</td>
</tr>
<tr>
<td>228-7474-55-1902</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Tolerance

<table>
<thead>
<tr>
<th>Dimension</th>
<th>inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>± .010 (.00)</td>
<td>± .005 (.005)</td>
</tr>
</tbody>
</table>

- For technical, sales or ordering information call 800-328-0411
- Or visit our website: [http://www.3M.com/ehpd](http://www.3M.com/ehpd)
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24 Position

28 Position

Note: P.C. Board patterns are “component side”.

Tolerance

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