### Drill Table

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Hit Count</th>
<th>Tool Size</th>
<th>Plated Hole Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>32</td>
<td>12mil (0.305mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>20mil (0.510mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>40mil (1.015mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>43.2mil (1.100mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>49.0mil (1.240mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>54.8mil (1.390mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>60.5mil (1.530mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>65.2mil (1.652mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>70.8mil (1.793mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>75.5mil (1.922mm)</td>
<td>PTH Round</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>81.2mil (2.057mm)</td>
<td>PTH Round</td>
</tr>
</tbody>
</table>

**Drill Tolerance**
- For PTH +0/-1mil
- For 12mil drill +0/-12mil

### Design Information

- **Board Size:** Refer also array/panel profiling appropriate board and panel requirements.
- **Minimum Anisotropic Type:** For PTH-5-20mil Class 2 Level C registration tolerances metal +0/-3mil holes +0/-3mil.
- **Material:**
  - FR-4
  - Copper Thickness: 6mil
- **Surface Finish:**
  - Tin/Lead Solder Layer
  - Etch
  - ENIG
- **Additional Requirements**
  - No magnetic shielding layer.
  - ENIG for solder mask as required.

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**Texas Instruments**

Design for Public Release

Date: 6/8/2005

Scales: 1.00

Export Control Status: None

Project Title: 270V Earth Leakage Protection

Revision: E2

Board No: TJDH-00439

Manufacturers: Texas Instruments

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