Parallel connection pin for surface mounting [HDA series] (10pcs/pack)

- This allows parallel docking of the surface mounting boards.
  The socket side is the HDB series described below.
- The two types, with a pitch of 1.27 mm and 2.54 mm, are available.
- Material Pin part: Phosphor bronze
  Resin part: PCT black (UL94V-0)
- Finish: Gold plating over nickel base
- Rated current: 2A
- Withstand voltage: 700V AC, DC per minute (HDA-1-1)
  1000V AC, DC per minute (HDA-3-1)
- Insulation resistance: 500MΩ or over
- Operating temperature range: −40 to +125°C

<table>
<thead>
<tr>
<th>Part number</th>
<th>P</th>
<th>A</th>
<th>Maximum number of pins connected</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDA-1-1</td>
<td>1.27</td>
<td>50.8</td>
<td>40</td>
</tr>
<tr>
<td>HDA-3-1</td>
<td>2.54</td>
<td>49.53</td>
<td>20</td>
</tr>
</tbody>
</table>

How to order

HDA-1-1-10P

Please fill in the desired number of poles.

If the number of poles is not specified, we will deliver the maximum connected number.

Instructions for mounting

In the case that a warpage occurs on the resin part during reflow because many pins are connected for use, apply an adhesive to several places.

* HDA-1-1-2P: Taping specification is available. Please contact us.

Parallel connection socket for surface mounting [HDB series] (10pcs/pack)

- By using a pair of this product and HDA series described above, PC boards can be docked in parallel.
- By combining with OQ series, the boards can be docked at right angle.
- The two types, with a pitch of 1.27 mm and 2.54 mm, are available.
- Material Body: Brass
  Contact: Beryllium copper
  Resin part: PCT black (UL94V-0)
- Finish: Gold plating over nickel base
- Rated current: 1A
- Withstand voltage: 500V AC, DC per minute (HDB-1-1)
  1000V AC, DC per minute (HDB-3-1)
- Insulation resistance: 500MΩ or over
- Contact resistance: 10mΩ or less
- Insertion / removal frequency: 100 times or over
- Insertion / removal forces: 30g or over (per pin)
- Adaptive male pin diameter: φ0.4 to 0.5 φ
- Operating temperature range: −40 to +125°C

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</thead>
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<tr>
<td>HDB-1-1</td>
<td>1.27</td>
<td>52.07</td>
<td>40</td>
</tr>
<tr>
<td>HDB-3-1</td>
<td>2.54</td>
<td>50.8</td>
<td>20</td>
</tr>
</tbody>
</table>

How to order

HDB-1-1-10P

Please fill in the number of poles.

Instructions for mounting

In the case that a warpage occurs on the resin part during reflow due to many pins are connected for use, apply an adhesive to several places.

* HDB-1-1-2P: Taping specification is available. Please contact us.

Example of usage

Combination of HDA-1-1 and HDA-1-1

Recommended land diameter

HDA-1-1
HDA-3-1

Example of usage

Combination with HDA-1-1 and HDA-1-1

Recommended land diameter

HDA-1-1
HDA-3-1

* Instructions for use
When it is used in combination, the strength is poor. Please fix the PC boards to a chassis or fix the PC boards each other with AXH series.

* If the number of poles is not specified, we will deliver the maximum connected number.