

## Parallel connection pin for surface mounting

### HDA series (10pcs/pack)

- This connection pin can connect the PC boards for surface mounting in parallel.  
The socket side is the HDB series described below.
- 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: 500M Ω or over
- Operating temperature range: - 40 to + 125°C

#### Part No.

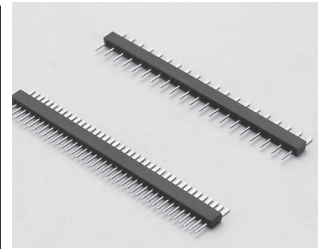
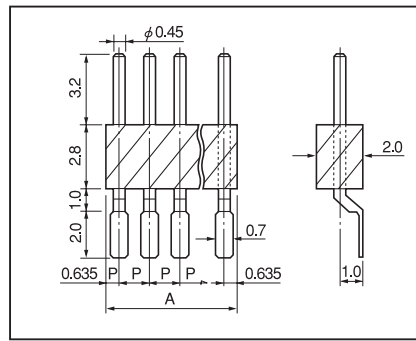
Part No.	P	A	Maximum number of pins connected
HDA-1-1	1.27	50.8	40
HDA-3-1	2.54	49.53	20

#### How to order

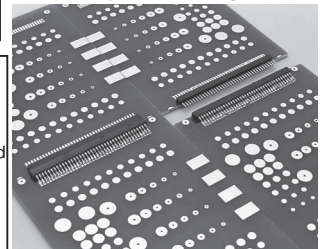
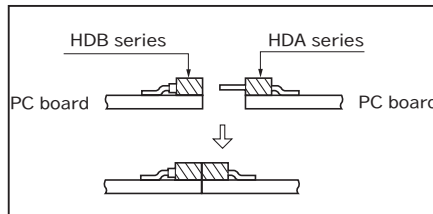
HDA-1-1-10P  
 Please fill in the desired number of poles.  
 \* If the number of poles is not specified, we will deliver the maximum connected number.

#### 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.

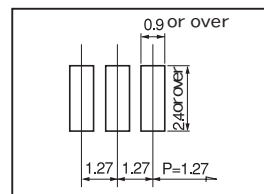


#### Example of usage

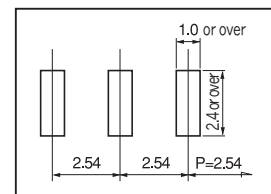


Combination of HDA-1-1 and HDB-1-1

#### Recommended land information



HDA-1-1



HDA-3-1

## Parallel connection socket for surface mounting

### HDB series (10pcs/pack)

- By combining with HDA series described above, PC boards can be connected in parallel.
- By combining with OQ series, PC boards can be connected vertically.
- Two types (with a pitch of 1.27mm and 2.54mm) 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: 500M Ω or over
- Contact resistance: 10m Ω or less
- Insertion / removal durability : 100 cycles
- Insertion / removal forces: 30g or over (per pin)
- Adaptive male pin diameter: φ 0.4 to φ 0.5
- Operating temperature range: - 40 to + 125°C

#### Part No.

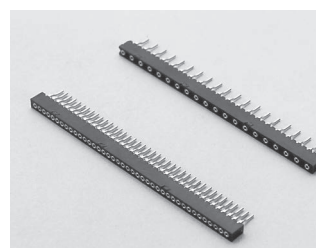
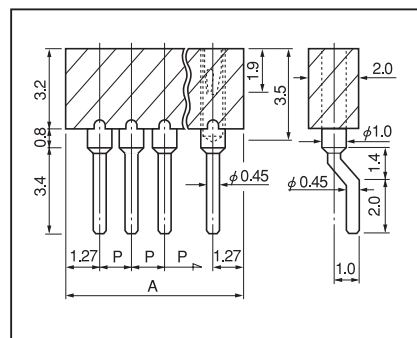
Part No.	P	A	Maximum number of pins connected
HDB-1-1	1.27	52.07	40
HDB-3-1	2.54	50.8	20

#### How to order

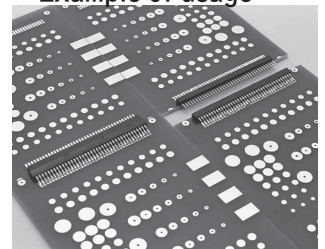
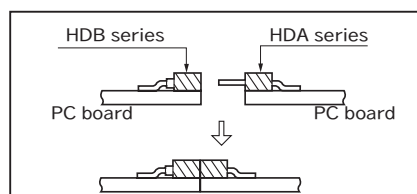
HDB-1-1-10P  
 Please fill in the number of poles.

#### 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.

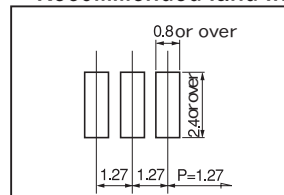


#### Example of usage

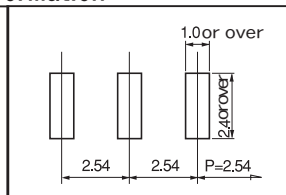


Combination with HDA-1-1 and HDB-1-1

#### Recommended land information



HDB-1-1



HDB-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.