Mac 8’s terminals for printed boards

**Horizontal type connection socket for surface mounting [Part number: HHY-1] (10pcs/pack)**

- This socket is horizontal type for surface mounting.
- The adaptive mating side is OQ-01 or OQS-01 series.
- 40 pins are connected with a pitch of 1.27 mm.
- We will cut to the desired number of poles and deliver.
- **Material**
  - Socket part: Beryllium copper
  - Resin part: PCT black (UL94V-0)
- **Finish**
  - Socket part: Gold plating over nickel base
- **Specification**
  - Rated current: 1A
  - Rated voltage: 125V AC, DC
  - Withstand voltage: 500V AC, DC per minute
  - Insulation resistance: 500MΩ or over
  - Contact resistance: 10mΩ or less
  - Insertion / removal frequency: 100 times or over
  - Insertion forces: 30g or over (per pin)
  - Removal forces: 30g or over (per pin)
  - Adaptive male pin diameter: φ 0.3 to φ 0.45
  - Operating temperature range: −40 to +125°C

■ How to order

HHY-1-10P

Please fill in the desired number of poles.

(When the number is not specified, it will be 40 pins.)

■ Recommended land diameter

![Diagram](image1)

■ 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 and fix.
- As the crimping strength between the contact part and the resin part is weak, please apply an adhesive to the both sides (PC board and resin) and use.

■ Example of usage

![Diagram](image2)

By using OQ-01 series, the SMT boards can be mounted at right angle.