

**Terminal for two-tiered installation for surface mounting [HRP series] (10pcs/pack)**

- By fitting this product to the master board side (surface mounting) and fitting a socket pin (with a hole) on the slave board side, this terminal allows two-tiered installation and inserting / pulling out.
- This can be used by direct soldering without using a socket.
- Pitch: 2.54 mm, 20P connected
- Operating temperature range: -40 to +125°C
- Material
  - Pin part: Brass
  - Resin part: PPS black (UL94V-0)

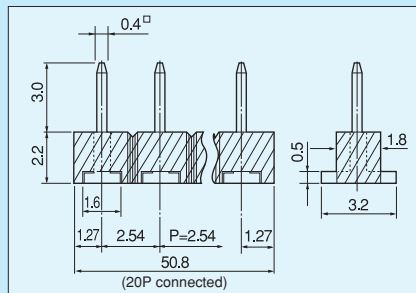
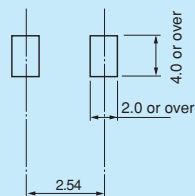
• Finish

Part number	Finish
HRP-20P-G	Gold plating over nickel base
HRP-20P-S	Tin plating over nickel base

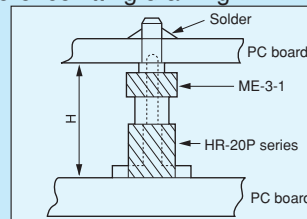
• Rated current

When a socket is used: 1A  
 When directly soldered: 2A

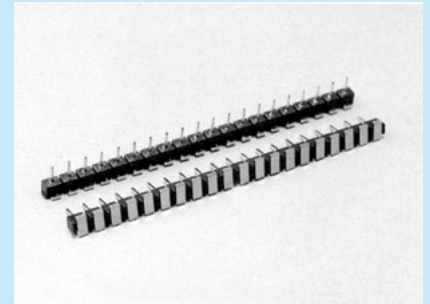
- Insulation resistance: 500MΩ or over
- Withstand voltage: 1000V AC, DC per minute
- Recommended fitting land



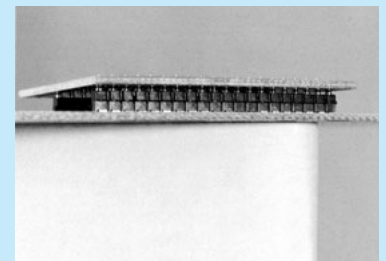
Reference fitting drawing



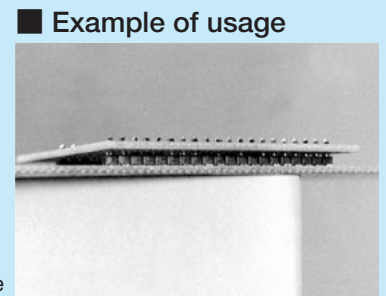
HR-20P and ME-3-1



Example of usage



HRP-20P and MF-3-1



HRP-20P and PD-7

■ 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.

■ Reference dimensions

Master board side	Slave board side	Height between the boards: H (mm)
HRP-20P-G	ME-3-1	4.7
HRP-20P-S	MF-3-1	4.7
〃	PD-7	2.6
〃	PC-10	2.7
〃	PC-11	2.7
〃	Direct soldering	2.2

■ How to order

HRP-10P-G

G: Gold plating over nickel base  
 S: Tin plating over nickel base

Please fill in the desired number of poles.  
 (Maximum number: 20P)

For surface mounting

**Terminal for two-tiered installation for surface mounting (with placement pin) [HRRP series] (10pcs/pack)**

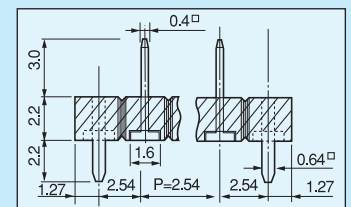
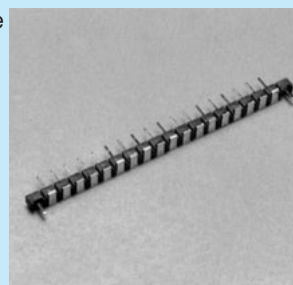
- This terminal has a placement pin that allows easy positioning of the terminal for two-tiered installation for surface mounting described above.
- Placement pin material: Phosphor bronze 0.64mm
- Fitting hole diameter: φ 1.1
- We will deliver it with the desired number of poles.

■ How to order

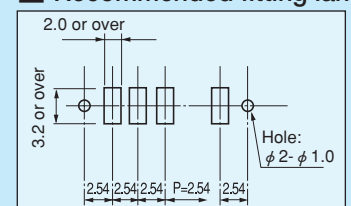
G: Gold plating over nickel base  
 S: Tin plating over nickel base

HRRP-10P-G

Please fill in the desired number of poles.  
 (The number of poles does not include the placement pin.)  
 There are 10 valid pins and placement pins on the both sides.  
 (Maximum number: 18P)



■ Recommended fitting land



■ 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.