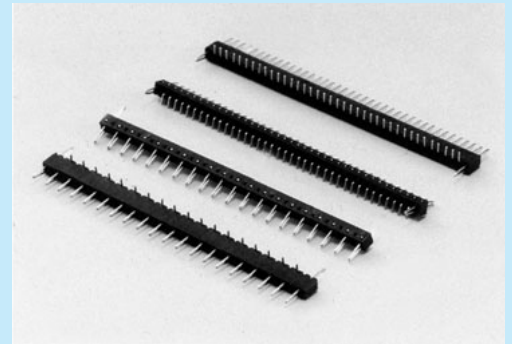


For surface mounting

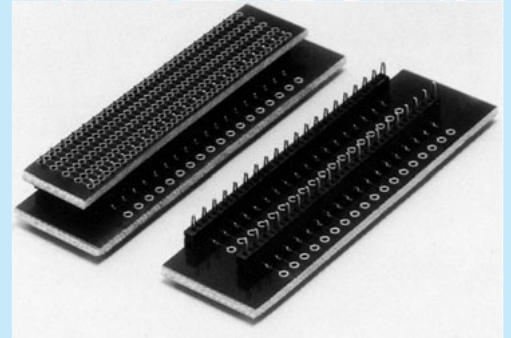
Conthrough series for two-tiered installation of printed boards [XH series] (10pcs/pack)

- This type is used for a surface mounting board.
- A surface mounting board is set for one side (soldering side) and a normal through hole board is set for the other side (contact side).
- Pitch: 1.27 mm and 2.54 mm
- Maximum 40P connected for a pitch of 1.27 mm / Maximum 20P connected for a pitch of 2.54 mm
- Positioning pin is included on the both sides.
- Material
Pin part: Beryllium copper Gold plating over nickel base
Resin part: LCP resin black (UL94V-0)
- The electrical specification is same as XB series.
- Adaptive through hole for printed board (contact side): ϕ 0.8 to ϕ 0.9 for the TH finish diameter (Please make a hole of ϕ 0.85 as the main diameter.)
- Adaptive printed board thickness (contact side): 0.8t to 1.6t
- Operating temperature range: -40 to $+125^{\circ}\text{C}$
- Operating humidity range: 0 to 85%RH (Without dew condensation.)
- Frequency of use: 50 times or less (for the same through hole)
- Insertion / removal forces (per pin)

Through hole	Insertion forces	Removal forces
ϕ 0.8	200g or less	50g or over
ϕ 0.85	150g or less	30g or over
ϕ 0.9	100g or less	20g or over

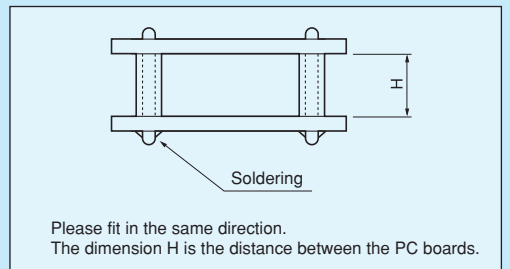


Example of usage

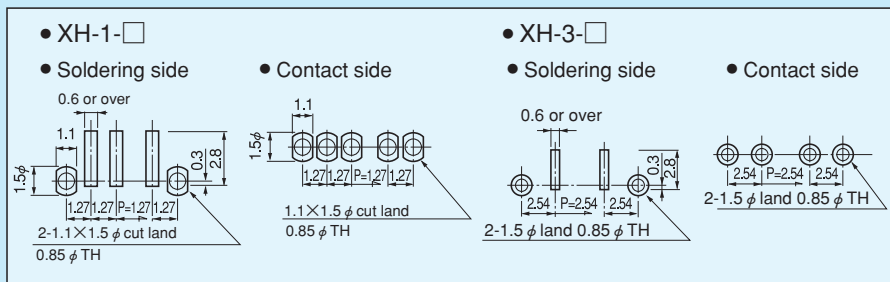


Part number	H	P
XH-1-2	2	1.27
XH-1-2.5	2.5	1.27
XH-1-3	3	1.27
XH-1-3.5	3.5	1.27
XH-1-4	4	1.27
XH-1-4.5	4.5	1.27
XH-1-5	5	1.27
XH-1-5.5	5.5	1.27
XH-1-6	6	1.27

Part number	H	P
XH-3-2	2	2.54
XH-3-2.5	2.5	2.54
XH-3-3	3	2.54
XH-3-3.5	3.5	2.54
XH-3-4	4	2.54
XH-3-4.5	4.5	2.54
XH-3-5	5	2.54
XH-3-5.5	5.5	2.54
XH-3-6	6	2.54



Recommended land diameter



Instructions for use

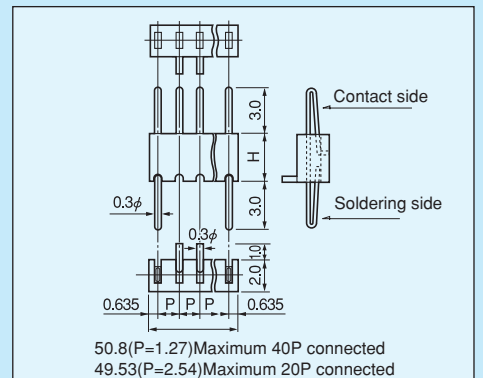
- This cannot be used when the insertion / removal side is a copper through hole board. (Due to quick oxidization of copper)

Instructions for use

1. Please read the instructions for use prior to use.
2. Do not apply force in the direction of the arrow. (The pin may be broken.)
3. When it is used with a large number of pins connected, warpage may occur during reflow. In this case, please apply adhesive to several positions to fix.
4. When mated into a small hole diameter (around ϕ 0.8), the spring may be hooked to the resin window and the return may become insufficient.

In this case, positioning push to the direction of the arrow and return.

Dimension



How to order

XH-3-3-10P

Please fill in the desired number of poles.
(With 8P for pins for surface mounting and 2P for positioning pins)