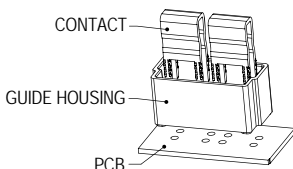


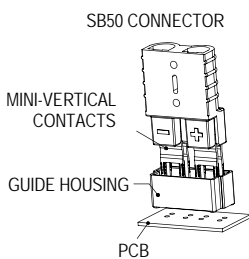
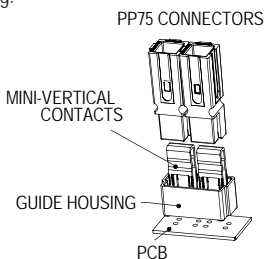
General Installation Instructions for the Vertical & Horizontal Powerclaw with Guide Housing (See reverse side for mounting location/dimensions)

1. By applying slight pressure, insert the Vertical Powerclaw contact(s) through the Powerpoel® or SB® guide housing(s).

2. Install the Vertical Powerclaw contact/guide housing assembly onto the circuit board (if using an individual contact, insert directly through the pc board), and verify proper insertion of leads through the board. This requires a slight press fit.



3. Verify that the final assembly is fully seated by making sure that the guide housing has no movement and is touching the board at the four standoffs. You must also verify that the tops of the contacts are approximately flush to within 1/32" with the top of the housing.



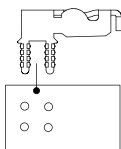
4. Secure the circuit board leads by wave or hand soldering.

General Installation Instructions for the Horizontal Powerclaw Contact. (See reverse side for mounting location/dimensions)

1. By applying slight pressure, insert the Horizontal Powerclaw into the PC board.

2. Verify that the contact is fully seated on the board. (Standoff on each leg should be touching the board.)

3. Secure the circuit board leads by wave or hand soldering.



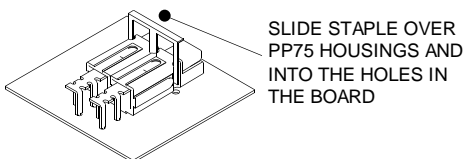
NOTE: For additional retention force during soldering process, bend contact legs slightly inward after fully seating the contact on the board.

Option for Securing Mated Horizontal Connectors to the PC Board. (See reverse side for mounting location/dimensions)

1. After the horizontal contact is soldered to the board, mate the PP75 or SB50 connector.

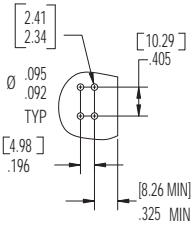
2. Slide the staple over the Powerpole or Locking Powerpole, or insert the mounting screw* into the SB connector and through the board.

3. Fasten the staple by bending the leads on the opposite side of the board or fasten the screw* by using the proper nut on the opposite side of the board.

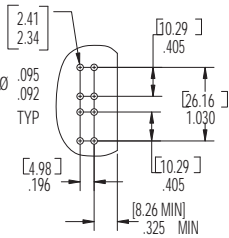


* Screws not included with connector; suggest size 6-32UNC

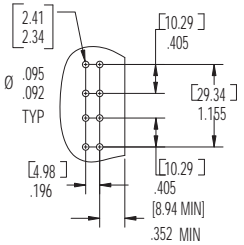
PCB Hole Layouts For Mini Vertical Contacts
(with or without housings)



Vertical Contact With
Single PP75
**No Guide Housing
Required**

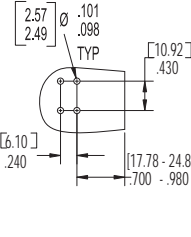


Vertical Contact With
Double PP75's
**Guide Housing
Required**

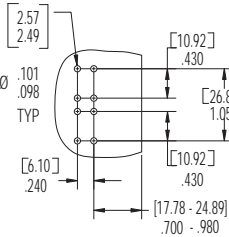


Vertical Contact With
SB50
**Guide Housing
Required**

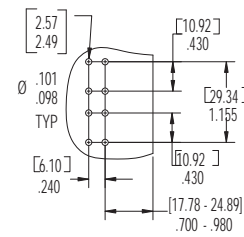
PCB Hole Layout For Mini Horizontal Contacts



Horizontal Contact With
Single PP75

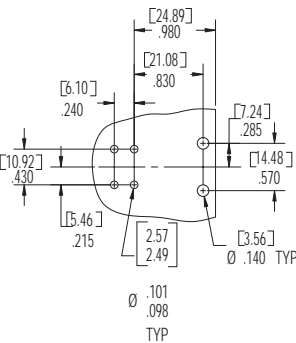


Horizontal Contact With
Double PP75's

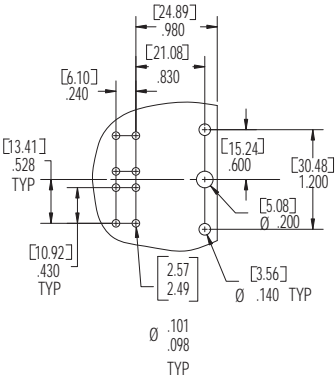


Horizontal Contact
With SB50

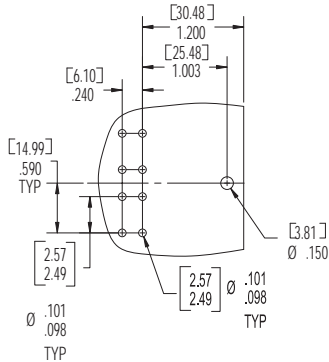
PCB Hole Layouts for Securing Mated Horizontal
Connectors to the PC Board



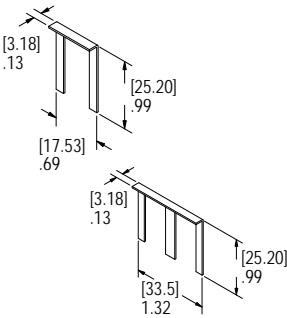
**For Single Powerpole
Horizontal Contact
Locking**



**For Double Powerpole
Horizontal Contact
Locking**



**For SB50
Horizontal Contact
Locking**



Staple

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