

SINGLE 2-PIECE CONTACTS

201-01-149

1. SPECIFICATION DISTRIBUTION

No restrictions for issue

2. SCOPE

This specification contains the application notes for the 70-9159-001-4xx-006 series contacts.

3. PRODUCTS

70-9159-001-401-006 – plug contact

70-9159-001-402-006 – socket contact

70-9159-001-411-006 – plug contact – locking

Note: The colours used in this document are for illustration purposes only.

4. 70-9159-001-401-006 PLUG CONTACT

70-9159-001-402-006 SOCKET CONTACT



70-9159-001-411-006 PLUG CONTACT – LOCKING

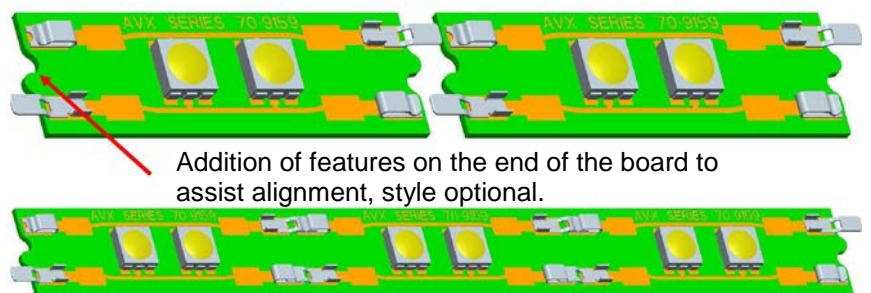
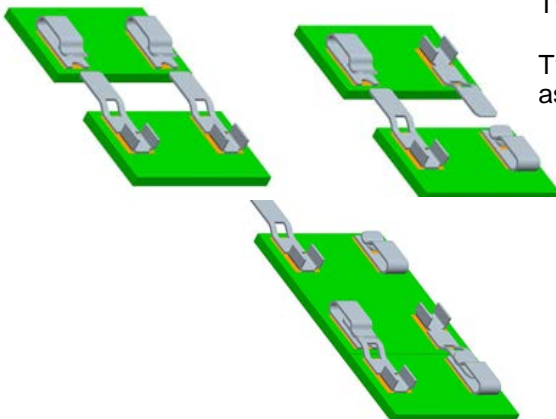


5. TYPICAL APPLICATIONS

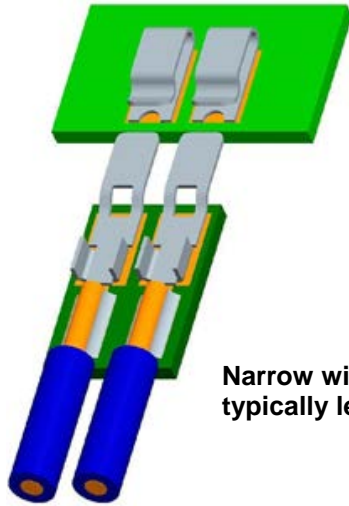
5.1. BOARD TO BOARD ASSEMBLY

Typical board to board assembly using “plug” end and “socket” end.

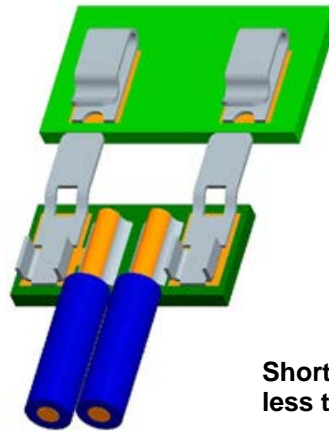
Typical assembly using pug and socket contacts to allow boards to be assembled either way round in a chain.



5.2. WIRE TO BOARD ASSEMBLY

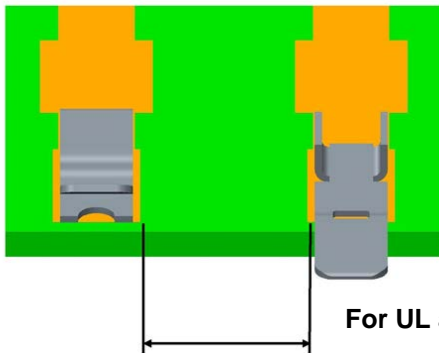


Narrow wired plug assembly, typically less than 6mm long.



Short wired plug, typically less than 5mm long.

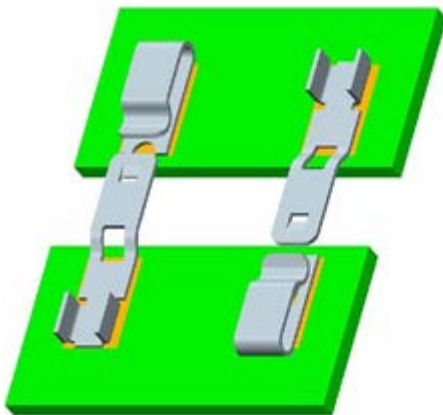
5.3. UL REQUIREMENTS FOR PAD SPACING



UL approval based on 3.2mm gap between pads, contact centre spacing 5.6mm.

For non UL applications the gap may be reduced at the customers discretion depending on the voltage applied.

5.4. LOCKING CONTACT ASSEMBLY



Locking plug contact has a barb to assist with PCB board to board retention. Interchangeable with standard contact, using the same mounting pad.

For additional information refer to drawing 70-9159-001-4XX-006S

