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

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.

Addition of features on the end of the board to assist alignment, style optional.
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.

For UL applications 3.2mm minimum

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