

POGO PIN SINGLE CONTACT 201-01-159

1. SPECIFICATION DISTRIBUTION

No restrictions for issue

2. SCOPE

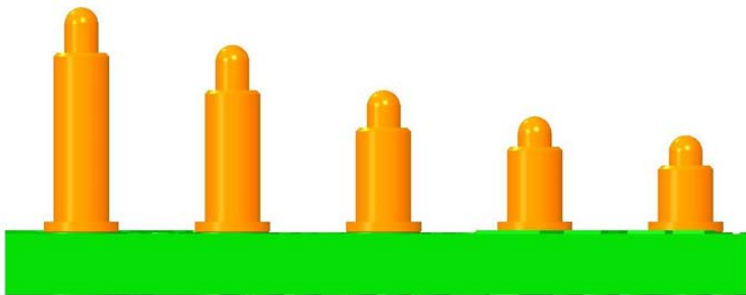
This specification contains the application notes for the 9150 pogo pin contacts.

3. RELATED DOCUMENTS

70-9150-001-0XX-XX6S

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

4. PRODUCT RANGE

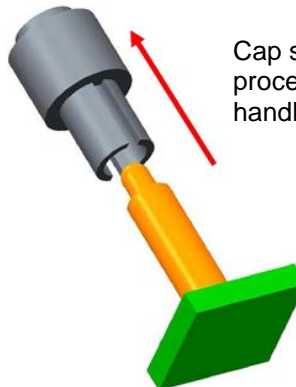


The 9150 series of pogo 1.5mm contacts covers the range of 2.0mm, 2.5mm, 3.0mm, 4mm and 5mm nominal height, refer to sales drawing for full working range for each version.

5. SMT CAP

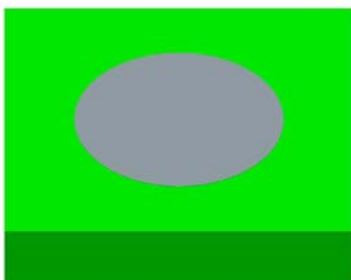


9150 contacts are supplied with a plastic cap to aid pick and place.



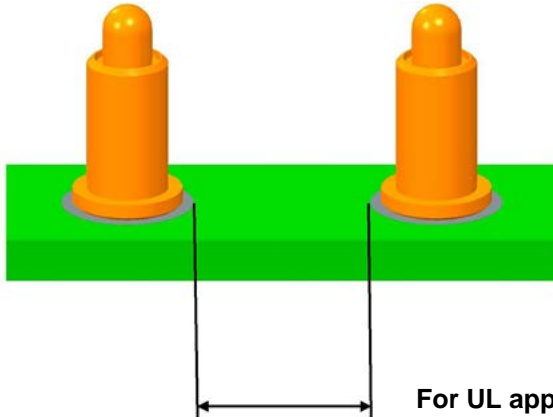
Cap should be left in place during the SMT process and only removed when the risk of handling damage is reduced.

6. SMT PAD



Recommended pad 2.40mm diameter.

7. 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.

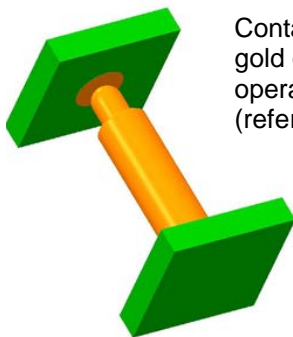
For UL applications 3.2mm minimum

8. MOUNTING DETAILS



Contacts are SMT soldered to a PCB. Care should be taken to ensure that the contact is vertical after soldering.

9. MATING PCB



Contacts should be mated to a pad plated gold over nickel and set at the correct operating height (H) for the contact used (refer to sales drawing).

Mating should be in line with the contact axis for best results, a misalignment of up to 10° can be tolerated.
Do not slide mating board over tip of contact.

