

LOW PROFILE HORIZONTAL 20-26 AWG 201-01-167

1. SPECIFICATION DISTRIBUTION

No restrictions for issue

2. SCOPE

This specification contains the application notes for the 9296 poke home SMT mount contacts.

3. RELATED DOCUMENTS

00-9296-00X-202-XX6S – 9296 Poke Home – Horizontal mount
201-01-166 – Product Specification

Note: The colours used in this specification are for clarity only.

4. 9296 CONNECTORS

A range of poke home wire to board connectors. 1 to 6 way, available for horizontal SMT mount to a PCB.

For wires (solid and stranded) 20AWG to 26AWG. Maximum insulation 1.6mm diameter.

Stranded wires work best with a smaller number of strands (larger strand diameter). We recommend that ALL stranded wires after stripping are bunched and twisted to achieve better retention forces within the contact.

Stranded wires with a larger number of strands (thinner strands) can be used but it is important that all the strands are tightly twisted to gain maximum strength. It is possible to tin the ends but the conductor diameter must not exceed 0.81mm.

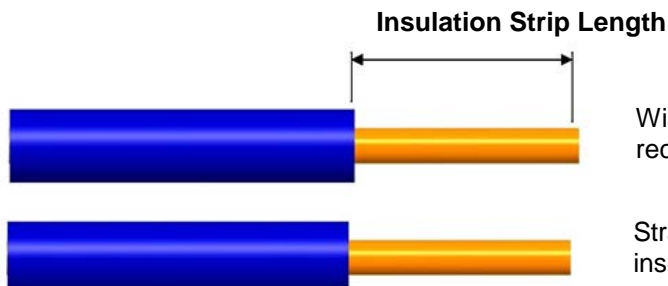
All wire types can be used in both plated and un-plated condition.

4.1. 00-9296-00X-202-XX6 – HORIZONTAL MOUNT



5. 9296 WIRE TERMINATION PROCEDURE

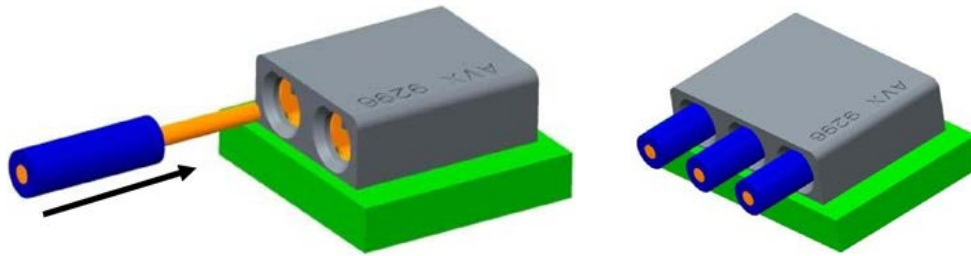
5.1. WIRE STRIPPING



Wire insulation strip length for 20/22/24/26AWG wires is recommended to be 3.5mm to 4.5mm.

Stranded wire should be tightly bunched and twisted before insertion.

5.2. WIRE INSERTION



Wires are inserted through the front aperture of the connector.

They should be pushed until the stop face is reached. Small diameter wires can buckle if over inserted therefore stop pushing as soon as the stop is reached.

6. WIRE EXTRACTION – NO TOOL

