

CARD EDGE CONNECTOR

201-01-137

1. SPECIFICATION DISTRIBUTION

No restrictions for issue

2. SCOPE

This specification contains the application notes for the 9159-500 and 9159-550 connectors.

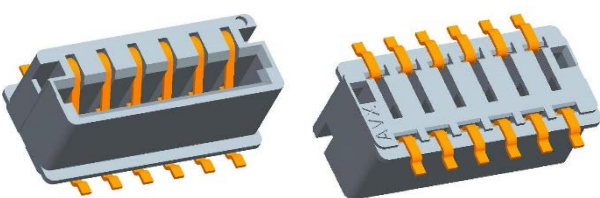
3. PRODUCTS

00-9159-00X-50X-X06 sales drawing 00-9159-01_500S (section 4).
 00-9150-00X-55X-X06 sales drawing 00-9159-01_550S (section 5).

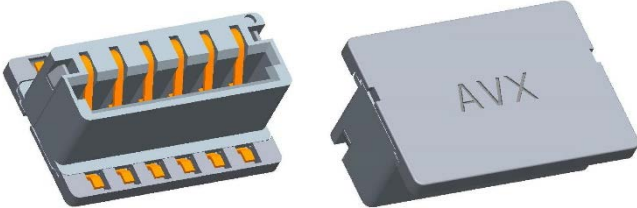
The colours used in this document are for illustration purposes only.

4. 9159-500 SERIES THROUGH BOARD MOUNTING

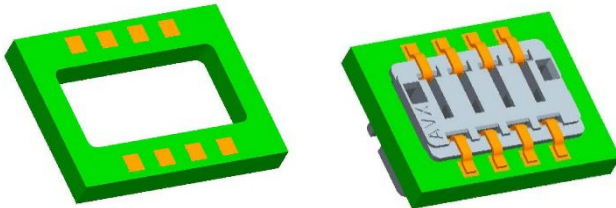
4.1. STANDARD SMT MOUNTING



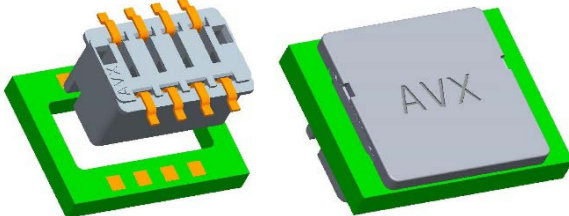
Connector assembly.
Typically 00-9159-00X-501-X06.



Capped connector assembly.
Typically 00-9159-00X-502-X06.
Cap can be supplied separately.



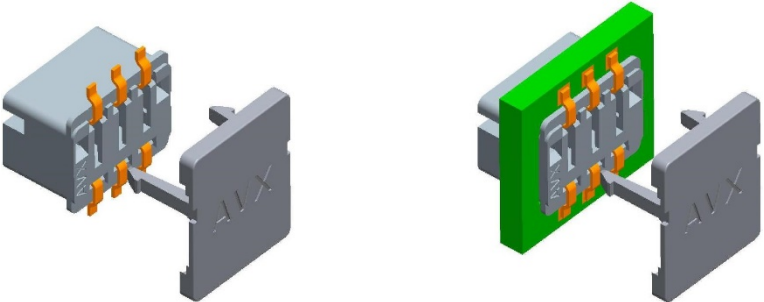
Basic PCB layout, cut out for connector. Check sales drawing for PCB layout details. Connector on board.



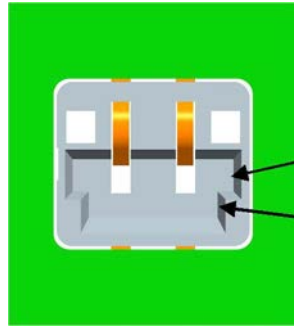
Connector drops into top of PCB.
Cap covers contacts.

4.2. ASSEMBLING CAP

Separate caps (60-9159-350X-0X-000) can be assembled to top of connector either before or after mounting on a PCB, check orientation is correct before inserting.

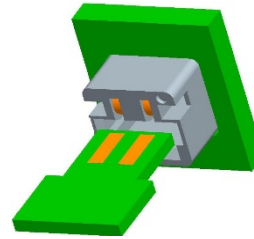


4.3. MATING PCB

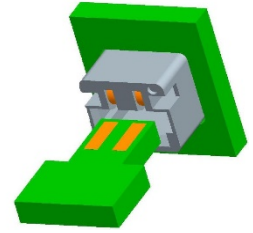


Wide slot width for 0.80mm thick PCB

Narrow slot width for 1.60mm thick PCB



0.80mm PCB

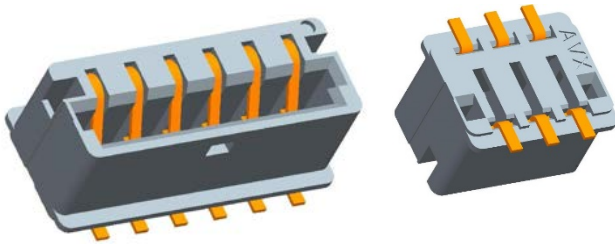


1.60mm PCB

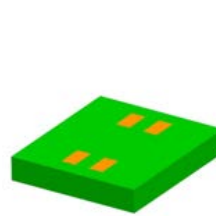
Check the sales drawing details for the correct dimensions and pad layout of the mating PCB.

5. 9159-550 SERIES TOP MOUNTING

5.1. STANDARD SMT MOUNTING



Connector assembly typically 00-9159-00X-551-X06.



Basic PCB layout

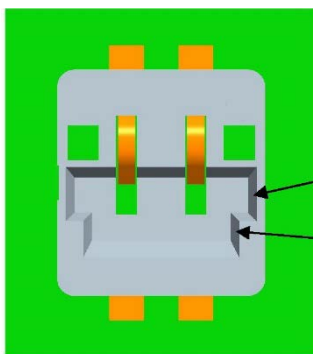


Connector drops straight onto PCB



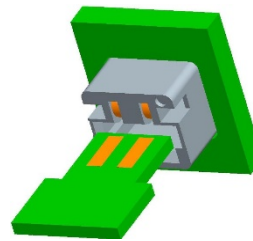
Connector on board

5.2. MATING PCB

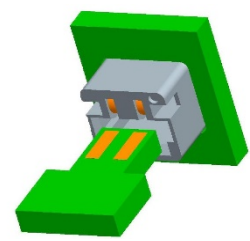


Wide slot width for 0.80mm thick PCB

Narrow slot width for 1.60mm thick PCB



0.80mm PCB



1.60mm PCB

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