

# Gecko Screw-Lok Connectors

## Male Vertical PC Tail

- Stainless steel screw fixing to mate with applicable female connector.
- Order nuts for board-mount separately - see bottom of page.
- 2A current capacity, resists high vibration and shock.
- Withstands extremes of temperature: -65°C to +150°C.



GECKO SCREW-LOK

| WITHOUT BOARD MOUNT   | WITH BOARD MOUNT  |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
|---|---|----------------------|--|------------|---|-------------|-----------------------|----------|---------------------------------------|---|-----------|--|----------|---------------|----------|-------|-----------|--|-----------|-----------------|-----------|---------------------------|
| <p style="text-align: center;">Recommended PC Board Pattern</p>   | <p style="text-align: center;">Recommended PC Board Pattern</p> |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>CALCULATION</b>  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><b>A</b></td> <td><math>B + 12.7</math></td> </tr> <tr> <td><b>B</b></td> <td><math>0.625 \times (\text{Total No. of contacts} - 2)</math></td> </tr> <tr> <td><b>C</b></td> <td><math>B + 7.8</math></td> </tr> <tr> <td><b>D</b></td> <td><math>B + 1.8</math></td> </tr> </table>  |   | <b>A</b>             | $B + 12.7$   | <b>B</b>   | $0.625 \times (\text{Total No. of contacts} - 2)$ | <b>C</b>    | $B + 7.8$             | <b>D</b> | $B + 1.8$                             |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>A</b>  | $B + 12.7$  |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>B</b>  | $0.625 \times (\text{Total No. of contacts} - 2)$               |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>C</b>  | $B + 7.8$   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>D</b>  | $B + 1.8$   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>HOW TO ORDER</b>   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>G125 - M V1 XX 05 MX X</b>   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #f0f0f0;"><th colspan="2">SERIES CODE</th></tr> <tr style="background-color: #f0f0f0;"><th colspan="2">TYPE</th></tr> <tr><td style="width: 10%;"><b>V1</b></td><td>3mm PC Tail</td></tr> <tr style="background-color: #f0f0f0;"><th colspan="2">TOTAL NO. OF CONTACTS</th></tr> <tr><td><b>06, 10, 12, 16, 20, 26, 34, 50</b></td></tr> </table> | SERIES CODE   |                      | TYPE   |            | <b>V1</b>   | 3mm PC Tail | TOTAL NO. OF CONTACTS |          | <b>06, 10, 12, 16, 20, 26, 34, 50</b> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #f0f0f0;"><th colspan="2">PACKAGING</th></tr> <tr><td style="width: 10%;"><b>R</b></td><td>Tape &amp; Reeled</td></tr> <tr><td><b>P</b></td><td>Loose</td></tr> <tr style="background-color: #f0f0f0;"><th colspan="2">SCREW-LOK</th></tr> <tr><td><b>M1</b></td><td>Internal Thread</td></tr> <tr><td><b>M2</b></td><td>With 5mm Board Mount Stud</td></tr> </table> | PACKAGING |  | <b>R</b> | Tape & Reeled | <b>P</b> | Loose | SCREW-LOK |  | <b>M1</b> | Internal Thread | <b>M2</b> | With 5mm Board Mount Stud |
| SERIES CODE   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| TYPE  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>V1</b>   | 3mm PC Tail   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| TOTAL NO. OF CONTACTS   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>06, 10, 12, 16, 20, 26, 34, 50</b>   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| PACKAGING   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>R</b>  | Tape & Reeled   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>P</b>  | Loose   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| SCREW-LOK   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>M1</b>   | Internal Thread   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>M2</b>   | With 5mm Board Mount Stud                                       |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>REQUIRED HARDWARE</b>  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <p style="text-align: center;"><b>Hexagonal Board Mount Nut</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #f0f0f0;"><th>ORDER CODE</th></tr> <tr><td><b>G125-4500000B</b></td></tr> </table>  | ORDER CODE  | <b>G125-4500000B</b> | <p style="text-align: center;"><b>Slotted Board Mount Nut</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #f0f0f0;"><th>ORDER CODE</th></tr> <tr><td><b>G125-4510000B</b></td></tr> </table> | ORDER CODE | <b>G125-4510000B</b>                              |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| ORDER CODE  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>G125-4500000B</b>  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| ORDER CODE  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| <b>G125-4510000B</b>  |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |
| Order separately from connector   |   |                      |  |            |   |             |                       |          |                                       |   |           |  |          |               |          |       |           |  |           |                 |           |                           |

All dimensions in mm.

Patent Published