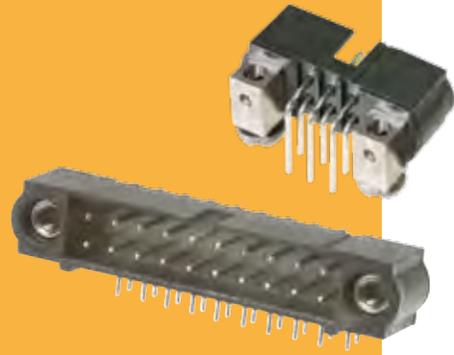


# Datamate J-Tek Connectors

## Male Horizontal PC Tail

- Polarised mouldings.
- Fully shrouded contacts.
- Jackscrews are assembled where specified.
- Choice of PC tail length.
- Board Mount provides PCB strain relief.
- Mates with female Datamate J-Tek connectors with compatible jackscrews.



DATAMATE J-TEK

| WITHOUT JACKSCREWS   |                           | WITH JACKSCREWS |           | WITH BOARD MOUNT |                 | CALCULATION  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
|--|---------------------------|-----------------|-----------|------------------|-----------------|--|------------------|----------|--------------------|--|---------------------------|-----------------------|-------|--|--|--------|--|----|------|----|------------|
|  |                           |                 |           |                  |                 | <table border="1"> <tr> <td><b>A</b></td> <td>B + 12</td> </tr> <tr> <td><b>B</b></td> <td>Total no. of contacts - 2</td> </tr> <tr> <td><b>C</b></td> <td>B + 7</td> </tr> </table> |                  | <b>A</b> | B + 12             | <b>B</b>   | Total no. of contacts - 2 | <b>C</b>              | B + 7 |  |  |        |  |    |      |    |            |
| <b>A</b>   | B + 12                    |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <b>B</b>   | Total no. of contacts - 2 |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <b>C</b>   | B + 7                     |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <p>Recommended PC Board Pattern</p>  |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <b>HOW TO ORDER</b>  |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <b>M80 - 5 X X XX XX</b>   |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <table border="1"> <tr> <th colspan="2">SERIES CODE</th> </tr> <tr> <td>3</td> <td>With Jackscrews</td> </tr> <tr> <td>4</td> <td>With Board Mount</td> </tr> <tr> <td>5</td> <td>Without Jackscrews</td> </tr> </table> |                           | SERIES CODE     |           | 3                | With Jackscrews | 4  | With Board Mount | 5        | Without Jackscrews |  |                           |                       |       | <table border="1"> <tr> <th colspan="2">FINISH</th> </tr> <tr> <td>05</td> <td>Gold</td> </tr> <tr> <td>42</td> <td>Gold + Tin</td> </tr> </table> |  | FINISH |  | 05 | Gold | 42 | Gold + Tin |
| SERIES CODE  |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 3  | With Jackscrews           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 4  | With Board Mount          |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 5  | Without Jackscrews        |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| FINISH   |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 05   | Gold                      |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 42   | Gold + Tin                |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| <table border="1"> <tr> <td>0</td> <td>3mm Tails</td> </tr> <tr> <td>1</td> <td>4.5mm Tails</td> </tr> </table>  |                           | 0               | 3mm Tails | 1                | 4.5mm Tails     |  |                  |          |                    | <table border="1"> <tr> <th colspan="2">TOTAL NO. OF CONTACTS</th> </tr> <tr> <td colspan="2">04, 06, 08, 10, 12, 14, 20, 26, 34, 42, 50</td> </tr> </table> |                           | TOTAL NO. OF CONTACTS |       | 04, 06, 08, 10, 12, 14, 20, 26, 34, 42, 50   |  |        |  |    |      |    |            |
| 0  | 3mm Tails                 |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 1  | 4.5mm Tails               |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| TOTAL NO. OF CONTACTS  |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |
| 04, 06, 08, 10, 12, 14, 20, 26, 34, 42, 50   |                           |                 |           |                  |                 |  |                  |          |                    |  |                           |                       |       |  |  |        |  |    |      |    |            |

All dimensions in mm.