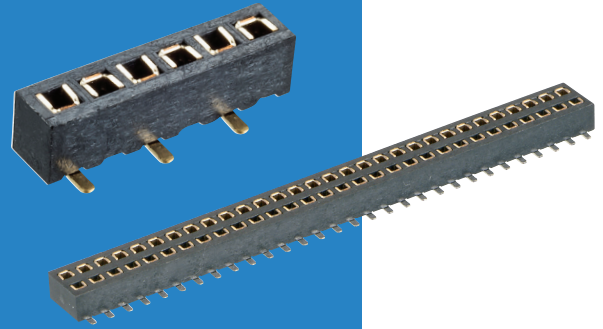


# Archer Connectors – M50

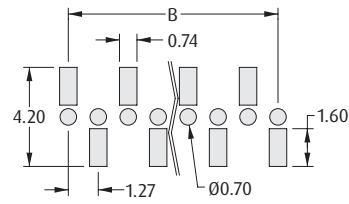
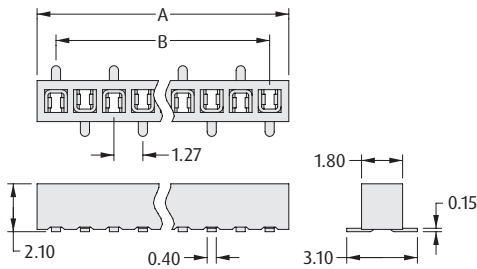
## Female Vertical Surface Mount, Low Profile

- Locating pegs (posts) available on double row to ensure correct positioning on the board.
- Dual entry connectors can be used as either top or bottom entry.



1.27mm (.050") PITCH

### SINGLE ROW

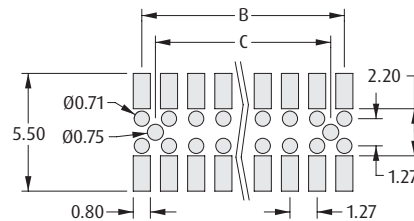
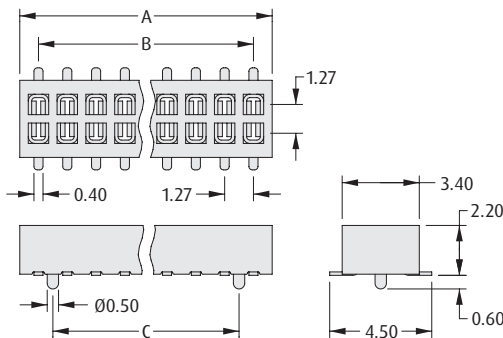


Recommended PC Board Pattern

### CALCULATION

|          |  |
|----------|--|
| <b>A</b> | $B + 1.67$   |
| <b>B</b> | $1.27 \times (\text{No. of contacts per row} - 1)$ |

### DOUBLE ROW WITH POSTS



Recommended PC Board Pattern

### CALCULATION

|          |  |
|----------|--|
| <b>A</b> | $B + 1.67$   |
| <b>B</b> | $1.27 \times (\text{No. of contacts per row} - 1)$ |
| <b>C</b> | $B + 1.27$   |

### HOW TO ORDER

**M50 - 31 X XX XX X**

#### SERIES CODE

#### TYPE

|          |                            |
|----------|----------------------------|
| <b>3</b> | Single Row (without posts) |
| <b>5</b> | Double Row with posts      |

#### PACKAGING

|              |                            |
|--------------|----------------------------|
| <b>R</b>     | Tape & Reeled (Single Row) |
| <b>Blank</b> | Loose                      |

#### FINISH

|           |                         |
|-----------|-------------------------|
| <b>42</b> | Gold + Tin (Double Row) |
| <b>45</b> | Gold (Single Row)       |

#### NO. OF CONTACTS PER ROW

|   |            |
|---|------------|
| <b>02 to 06, 08, 10, 20</b>               | Single Row |
| <b>03, 05, 06, 08, 10, 12, 15, 20, 25</b> | Double Row |

All dimensions in mm.