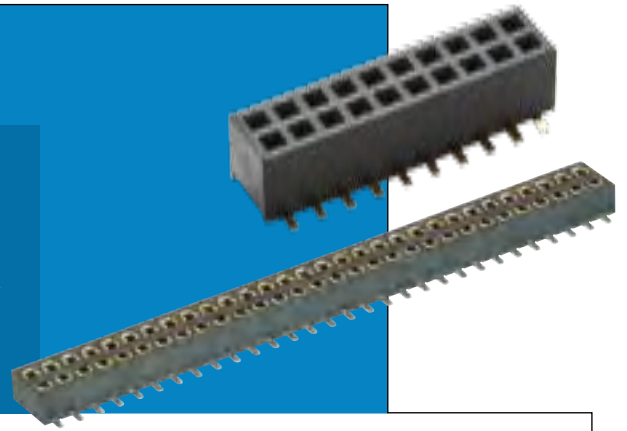


# M50 Connectors

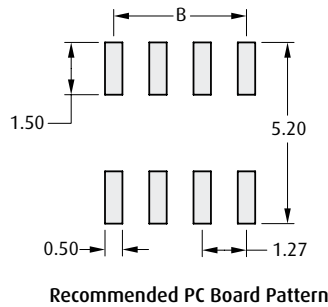
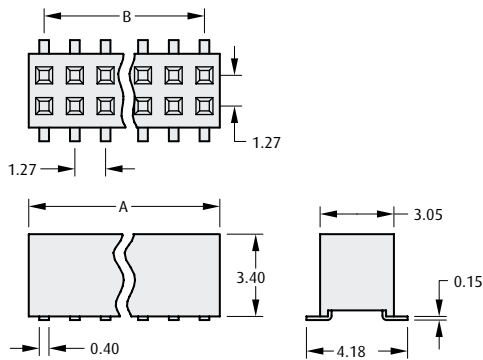
## Low Profile Female SMT Connectors

- ❖ Suitable for use with male connectors on pages 77 & 78.
- ❖ Locating pegs (posts) available to ensure correct positioning on the board.
- ❖ Dual entry connector can be used as either top or bottom entry.



1.27mm (.050") PITCH

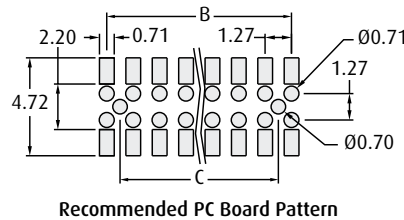
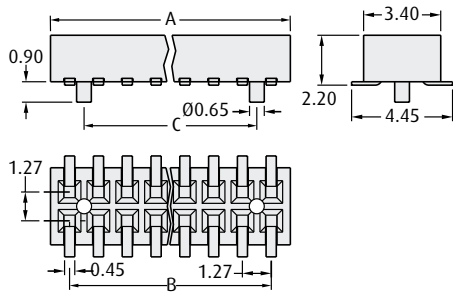
### 3.6mm HIGH WITHOUT POSTS



#### CALCULATION

<b>A</b>	$B + 1.73$
<b>B</b>	$1.27 \times (\text{No. of ways per row} - 1)$

### 2.2mm HIGH WITH POSTS, DUAL ENTRY



#### CALCULATION

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

### HOW TO ORDER

**M50 - 31 X XX XX**

#### SERIES CODE

#### TYPE

<b>2</b>	3.6mm High without posts
<b>5</b>	2.2mm high with posts, dual entry

#### FINISH

<b>42</b>	Gold + Tin (M50-315)	
<b>45</b>	Gold (M50-312)	

#### NO OF WAYS PER ROW

<b>03 to 50</b>	M50-312
<b>05 to 12, 15, 20, 25, 30, 35, 40, 45, 50</b>	M50-315

All dimensions in mm.

[www.harwin.com](http://www.harwin.com)

