

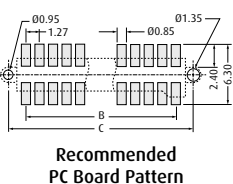
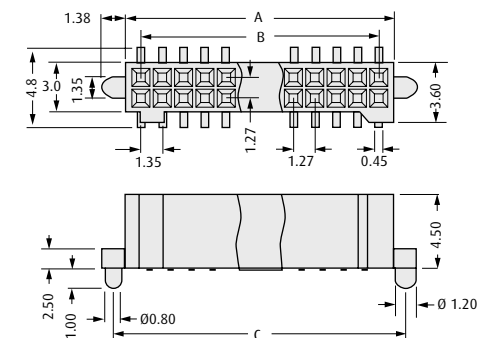
# M50 Connectors

## SMT Female Connectors

A range of 1.27mm pitch male and female connectors, for vertical and horizontal board-to-board applications.

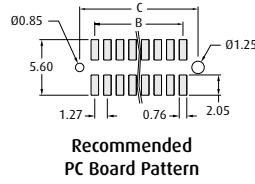
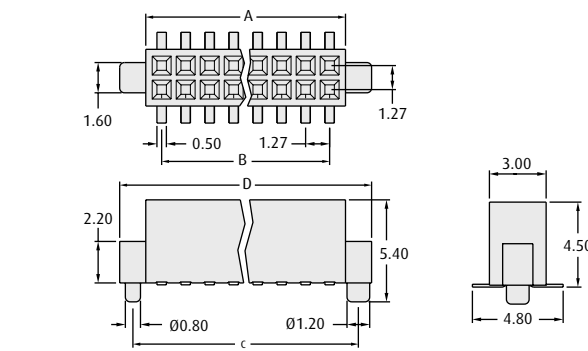
- ❑ M50-4XX series are shrouded, polarised connectors.
- ❑ M50-3XX series are un-shrouded connectors.
- ❑ Suitable for use with male connectors on pages 20-24.

### DUAL POLARISED WITH POSTS



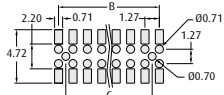
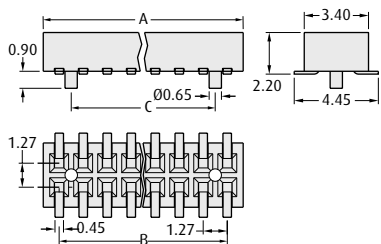
CALCULATION:	
<b>A</b>	$B + 1.67$
<b>B</b>	$1.27 \times (\text{No. of ways per row} - 1)$
<b>C</b>	$B + 3.05$

### WITH POSTS



CALCULATION:	
<b>A</b>	$B + 1.67$
<b>B</b>	$1.27 \times (\text{No. of ways per row} - 1)$
<b>C</b>	$B + 3.04$
<b>D</b>	$B + 4.43$

### DUAL ENTRY LOW PROFILE WITH POSTS



Recommended PC Board Pattern

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 - XXX XX XX

SERIES CODE	
<b>311</b>	DIL Vertical SMT Socket, 4.5mm high
<b>315</b>	DIL Vertical SMT Socket, 2.2mm high
<b>432</b>	DIL Vertical SMT Socket, polarised

FINISH	
<b>05</b>	Gold (M50-432)
<b>22</b>	Gold + Tin/Lead (M50-311, 315)
<b>42</b>	Gold + Tin (M50-311, 315)

NO. OF WAYS PER ROW	
<b>08, 10, 15, 20, 25, 30, 35, 40, 50</b>	M50-432
<b>05 to 12, 15, 20, 25, 30, 35, 40, 45, 50</b>	M50-311, 315

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