

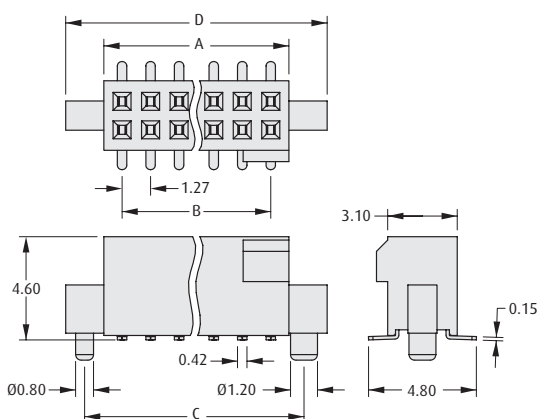
M50 Connectors

Vertical Surface Mount, Single Polarised

- ❖ Mating connectors in Surface Mount format.
- ❖ Female connector is also suitable for use with male connectors on page 98.
- ❖ Single Polarisation to prevent mis-mating.
- ❖ Female connector has locating pegs to ensure correct positioning on the board.
- ❖ Shrouded for additional pin protection.

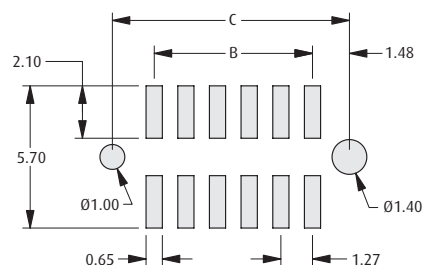
1.27mm (.050") PITCH

FEMALE



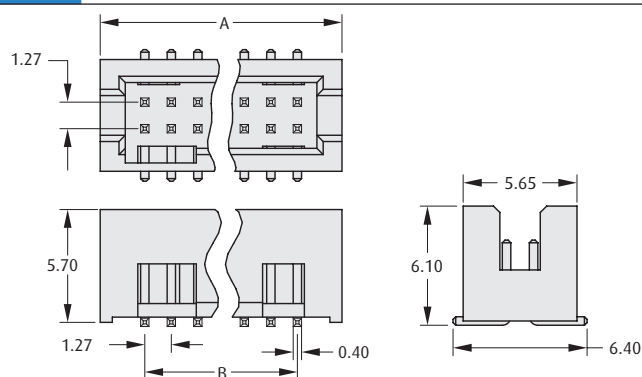
CALCULATION

A	$B + 1.62$
B	$1.27 \times (\text{No. of ways per row} - 1)$
C	$B + 3.15$
D	$B + 5.02$



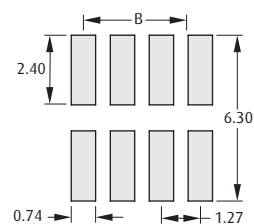
Recommended PC Board Pattern

MALE



CALCULATION

A	$B + 4.47$
B	$1.27 \times (\text{No. of ways per row} - 1)$



Recommended PC Board Pattern

HOW TO ORDER

M50 - 4 X 0 XX 45

SERIES CODE

TYPE

3	Female
9	Male

NO OF WAYS PER ROW

03 to 50	Female
05 to 50	Male

FINISH

45 Gold

www.harwin.com

All dimensions in mm.



HARWIN