

# Customer Information Sheet

DRAWING No.: M50-350XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

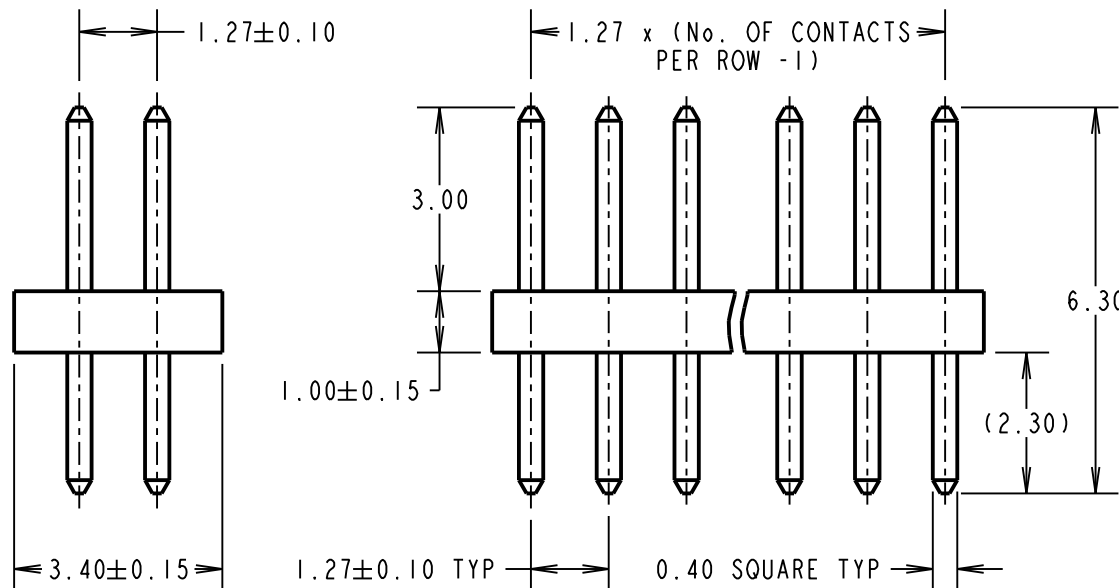
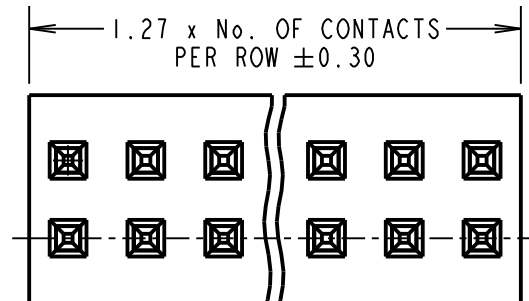
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## NOTES:

1. ALL TOLERANCES ARE  $\pm 0.20$  UNLESS OTHERWISE STATED.
2. RECOMMENDED PCB HOLE SIZE =  $\varnothing 0.70 \pm 0.05\text{mm}$ .



## SPECIFICATION:

### MATERIAL:

MOULDING = HIGH TEMP THERMOPLASTIC UL94V-0, BLACK

CONTACT = HIGH STRENGTH COPPER ALLOY

### FINISH (CONTACT):

42 =  $0.70 - 1.30\mu$  NICKEL ALL OVER,

$0.15 - 0.08\mu$  GOLD ON CONTACT AREA,

$2.50 - 3.00\mu$  100% TIN ON TAILS.

### ELECTRICAL:

CURRENT RATING = 1A MAX

CONTACT RESISTANCE =  $20\text{m}\Omega$  MAX

INSULATION RESISTANCE =  $1,000\text{M}\Omega$  MIN

DIELECTRIC STRENGTH = 1000V ACrms/DC FOR ONE MINUTE

### MECHANICAL:

DURABILITY = 300 OPERATIONS

### ENVIRONMENTAL:

TEMPERATURE RANGE =  $-40^\circ\text{C}$  TO  $+105^\circ\text{C}$

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

ORDER CODE:

**M50-350XX42**

No. OF CONTACTS PER ROW  
02 TO 50

FINISH:

42 = SELECTIVE GOLD + 100% TIN

|                     |      |          |        |
|---------------------|------|----------|--------|
| SB                  | 12   | 21.11.12 | 11870  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: S.BENNETT |      |          |        |
| CHECKED: S.FLOWER   |      |          |        |
| DRAWN: W. J. BOURNE |      |          |        |
| CUSTOMER REF.:      |      |          |        |
| ASSEMBLY DRG:       |      |          |        |

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## TOLERANCES

X =  $\pm 1\text{mm}$   
X.X =  $\pm 0.25\text{mm}$   
X.XX =  $\pm 0.10\text{mm}$   
X.XXX =  $\pm 0.01\text{mm}$

ANGLES =  $\pm 5^\circ$

UNLESS STATED

## MATERIAL:

SEE ABOVE

## FINISH:

SEE ABOVE

## S/AREA:

mm<sup>2</sup>

## TITLE:

1.27mm PITCH DIL  
VERTICAL PIN HEADER

## DRAWING NUMBER:

**M50-350XX42**

SHT  
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