

# Customer Information Sheet

DRAWING No.: M50-360XX42

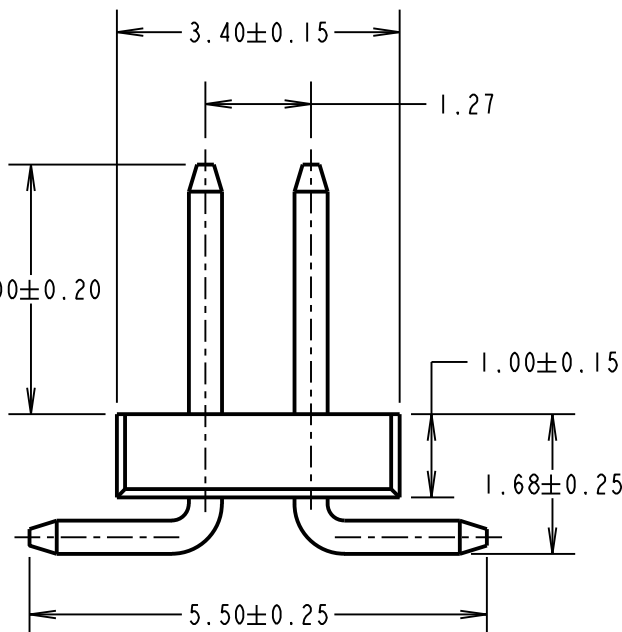
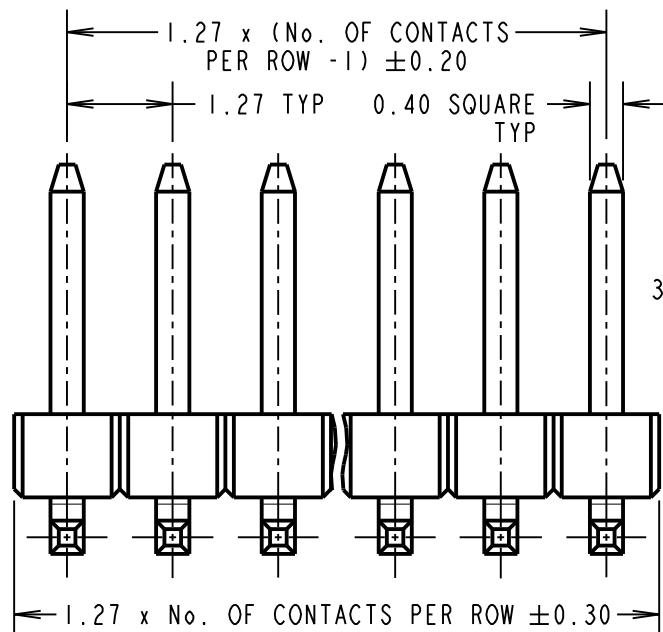
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



## SPECIFICATIONS:

### MATERIAL:

MOULDING = HIGH TEMP THERMOPLASTIC,  
UL94V-0, BLACK  
CONTACTS = COPPER ALLOY

### FINISH:

CONTACTS = 0.70 TO 1.30 $\mu$  NICKEL ALL OVER,  
0.08 TO 0.15 $\mu$  GOLD ON CONTACT AREA,  
2.50 TO 3.00 $\mu$  100% TIN ON TAILS

### ELECTRICAL:

CURRENT RATING = 1A  
CONTACT RESISTANCE = 20m $\Omega$  MAX  
INSULATION RESISTANCE = 1000M $\Omega$  MIN  
DIELECTRIC WITHSTANDING = 1000V AC FOR  
ONE MINUTE

### MECHANICAL:

DURABILITY = 300 CYCLES MIN

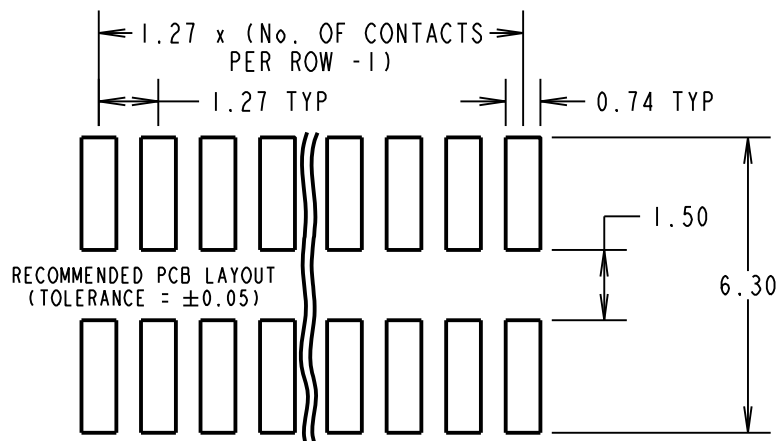
### ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

### PACKING:

BOX

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



## ORDER CODE:

**M50-360XX42**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 50

FINISH: \_\_\_\_\_  
42 = SELECTIVE GOLD & 100% TIN OVER NICKEL

|                |      |          |        |
|----------------|------|----------|--------|
| MGP            | I6   | 21.08.13 | 12195  |
| NAME           | ISS. | DATE     | C/NOTE |
| APPROVED: MGP  |      |          |        |
| CHECKED: SF    |      |          |        |
| DRAWN: J. KIER |      |          |        |
| CUSTOMER REF.: |      |          |        |
| ASSEMBLY DRG:  |      |          |        |

# HARWIN

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## TOLERANCES

X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ 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  
SMT PIN HEADER

DRAWING NUMBER:

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SHT  
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