

# Customer Information Sheet

DRAWING No.: M50-350XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

©

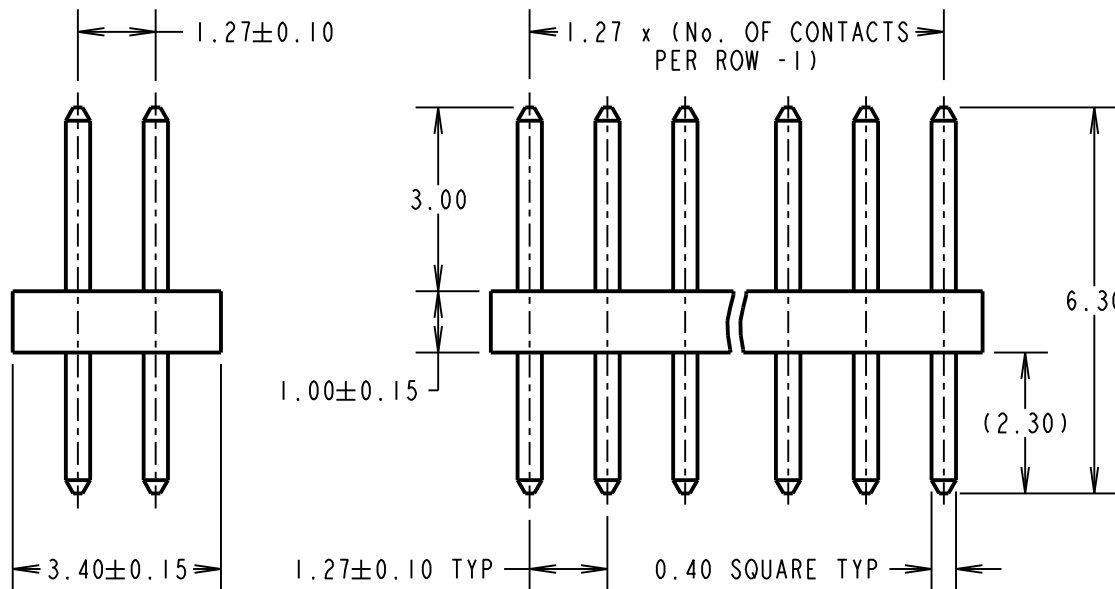
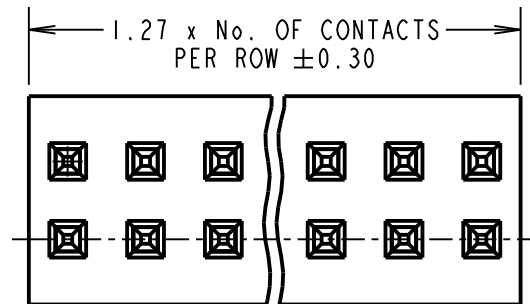
NOT TO SCALE

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 = 20m $\Omega$  MAX

INSULATION RESISTANCE = 1,000 M $\Omega$  MIN

DIELECTRIC STRENGTH = 1000V ACrms/DC FOR ONE MINUTE

**MECHANICAL:**

DURABILITY = 300 OPERATIONS

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

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

**OBSOLETE**

No. of contacts per row = 16 to 19,

21 to 24, 26 to 49

Last Time Buy = 15th June 2018

ORDER CODE:

**M50-350XX42**

No. OF CONTACTS PER ROW

**02 to 15, 20, 25, 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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