

# 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:**

- ALL TOLERANCES ARE  $\pm 0.20$  UNLESS OTHERWISE STATED.
- 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

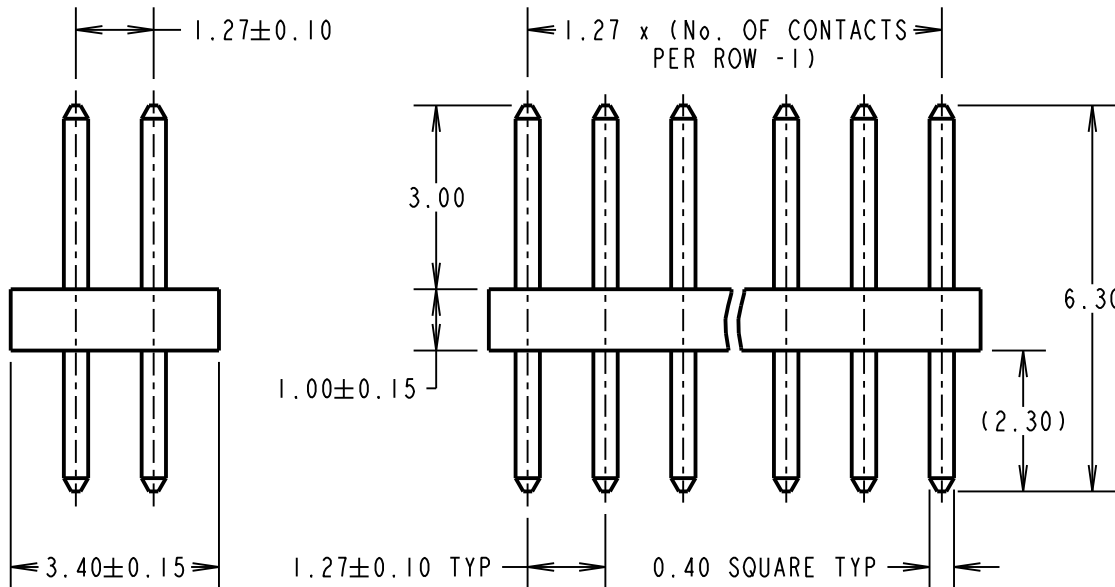
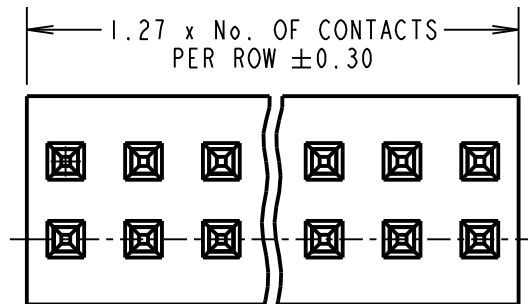
**ENVIRONMENTAL:**

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

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

**Active products:**

- M50-3500542
- M50-3500642
- M50-3500742
- M50-3500842
- M50-3501042
- M50-3501242
- M50-3501442
- M50-3501542
- M50-3502042
- M50-3502542
- M50-3505042



**OBSOLETE**  
All other size/finish combinations not listed above

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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