

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 ± 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:

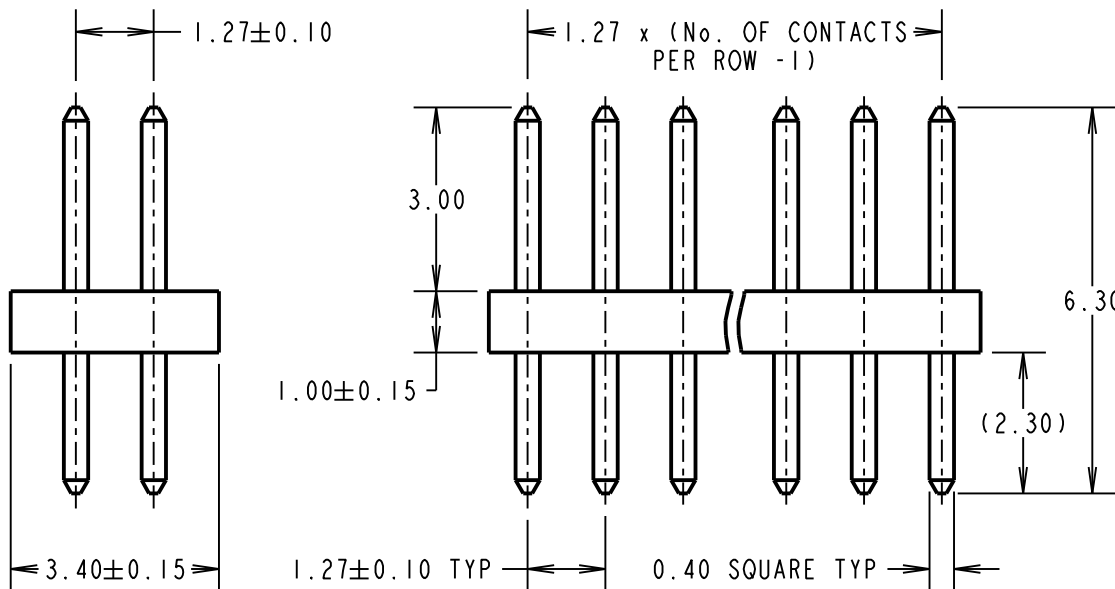
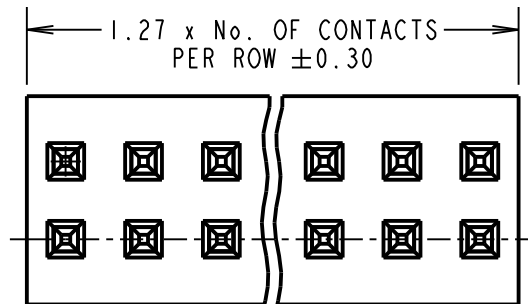
DURABILITY = 300 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°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:

mm²

TITLE:

1.27mm PITCH DIL VERTICAL PIN HEADER

DRAWING NUMBER:

M50-350XX42

SHT
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