

Customer Information Sheet

DRAWING No.: M50-350XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

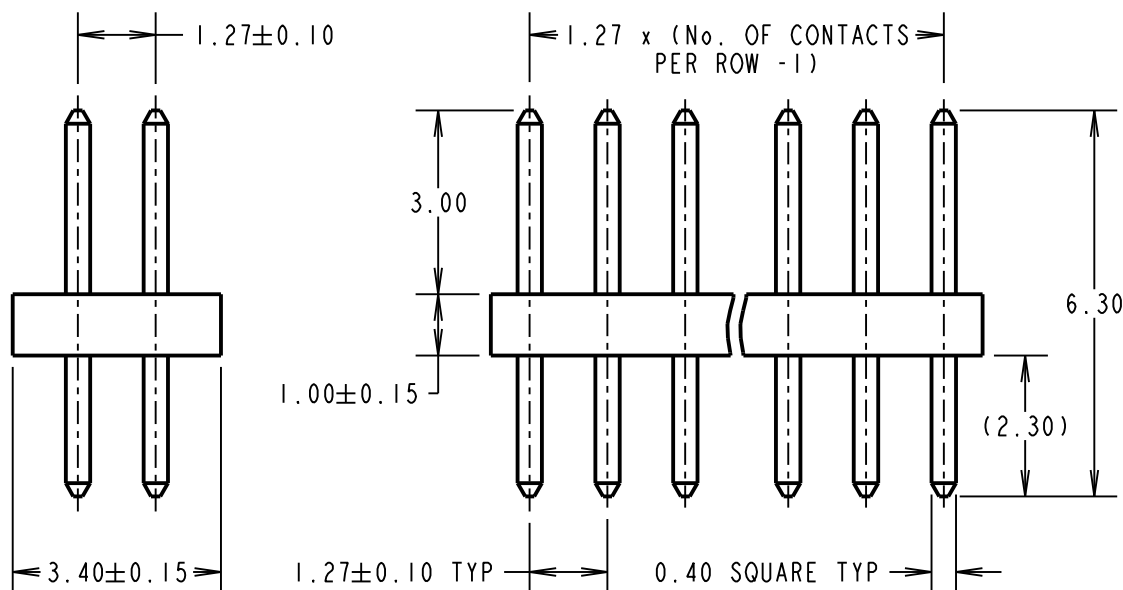
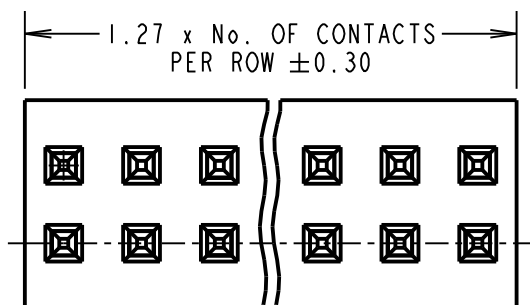
ALL DIMENSIONS IN mm

NOTES:

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

Active products:

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



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)

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

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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
2 OF 2