

Customer Information Sheet

DRAWING No.: M50-350XX42

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 = $\varnothing 0.70 \pm 0.05$ mm.

SPECIFICATION:

MATERIAL:

MOULDING = HIGH TEMP THERMOPLASTIC UL94V-0, BLACK

CONTACT = HIGH STRENGTH COPPER ALLOY

FINISH (CONTACT):

- 42 = 0.70 - 1.30 μ m NICKEL ALL OVER,
- 0.15 - 0.08 μ m GOLD ON CONTACT AREA,
- 2.50 - 3.00 μ m 100% TIN ON TAILS.

ELECTRICAL:

CURRENT RATING = 1A MAX

CONTACT RESISTANCE = 20m Ω MAX

INSULATION RESISTANCE = 1,000 M Ω MIN

DIELECTRIC STRENGTH = 500V ACrms/DC FOR ONE MINUTE

MECHANICAL:

DURABILITY = 300 OPERATIONS

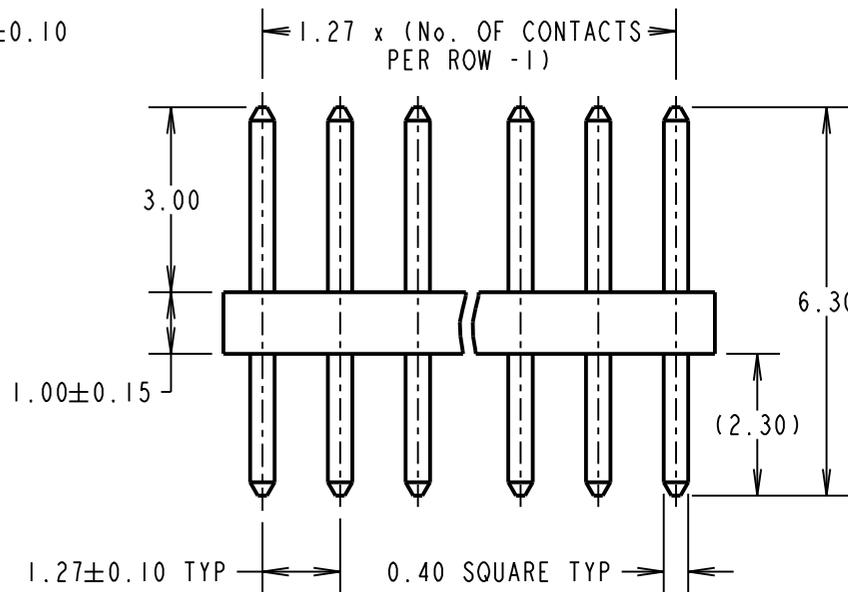
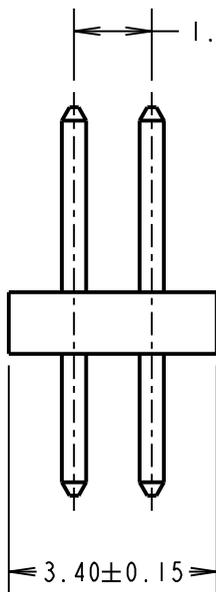
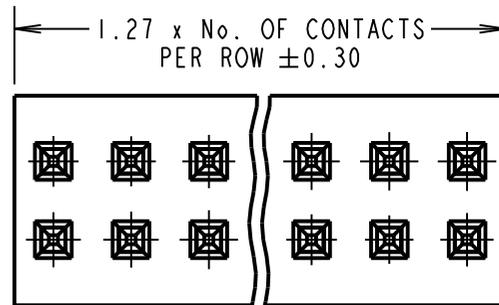
ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

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

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

MGP	13	01.07.21	30628
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RA			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X = ± 1 mm
X.X = ± 0.50 mm
X.XX = ± 0.20 mm
X.XXX = ± 0.01 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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