

Customer Information Sheet

DRAWING No.: M50-350XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

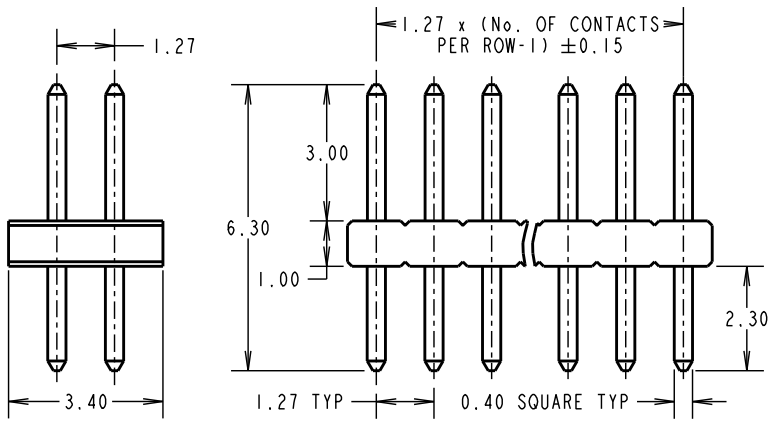
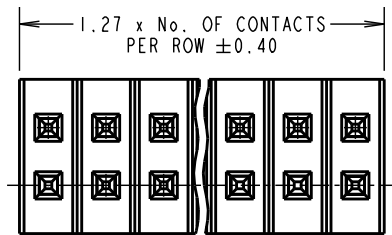
ALL DIMENSIONS IN mm

NOTES:

1. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.
2. RECOMMENDED 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 = 0.15 - 0.08 μ GOLD ON CONTACT AREA,
 2.5 - 3.0 μ 100% TIN ON TAILS,
 ALL OVER 0.70 - 1.3 μ NICKEL
 45 = 0.15 - 0.08 μ GOLD OVER 0.70 - 1.3 μ NICKEL
ELECTRICAL:
 CURRENT RATING (ALL CONTACTS ARE ELECTRICALLY LOADED) = 1A MAX
 CONTACT RESISTANCE = 30 m Ω MAX
 INSULATION RESISTANCE = 1,000 M Ω MIN
 DIELECTRIC STRENGTH = 500V AC/DC
MECHANICAL:
 DURABILITY = 600 OPERATIONS
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION
 C029XX (LATEST ISSUE)



ORDER CODE:
M50-350XXXX
 No. OF CONTACTS PER ROW
 01 TO 50
 FINISH:
 42 = SELECTIVE GOLD + 100% TIN
 45 = GOLD

MGP	11	18.10.12	11849
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SF			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X = ± 1 mm
 X.X = ± 0.25 mm
 X.XX = ± 0.10 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: M50-350XXXX
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