

Customer Information Sheet

DRAWING No.: M50-350XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

©

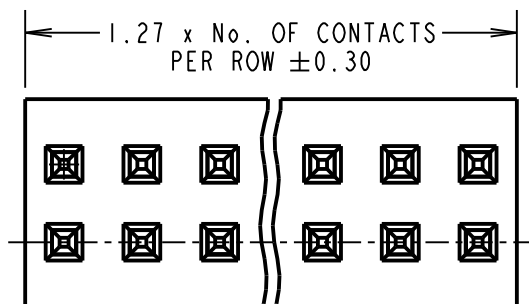
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

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



SPECIFICATION:

MATERIAL:

MOULDING = HIGH TEMP THERMOPLASTIC UL94V-0, BLACK
 CONTACT = HIGH STRENGTH COPPER ALLOY
 FINISH (CONTACT):
 42 = 0.70 - 1.30 μ NICKEL ALL OVER,
 0.15 - 0.08 μ GOLD ON CONTACT AREA,
 2.50 - 3.00 μ 100% TIN ON TAILS.

ELECTRICAL:

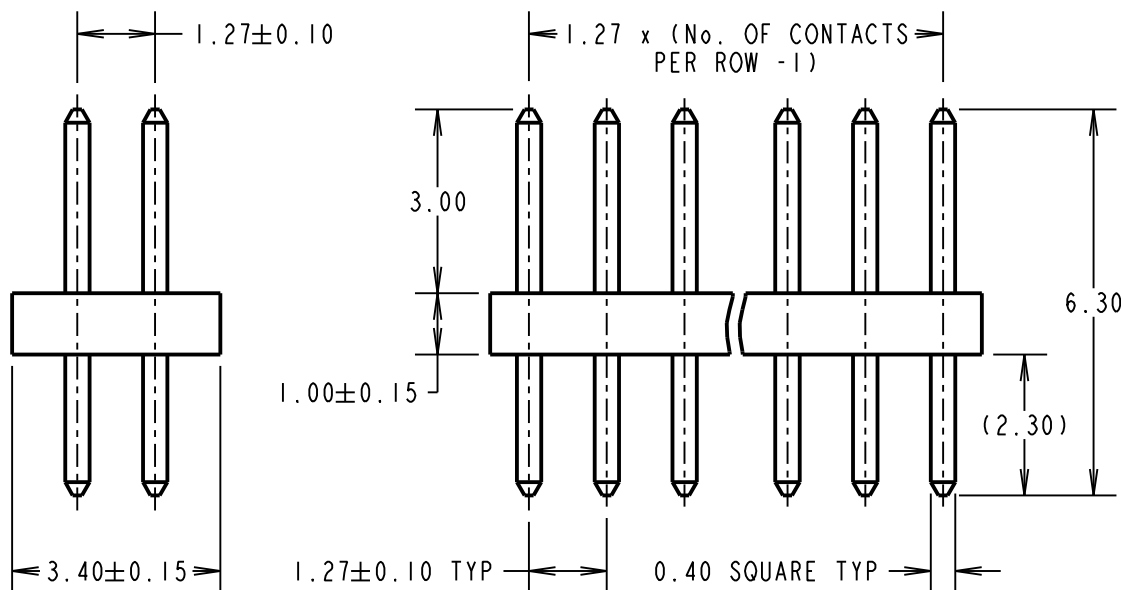
CURRENT RATING = 1A MAX
 CONTACT RESISTANCE = 20m Ω MAX
 INSULATION RESISTANCE = 1,000 M Ω MIN
 DIELECTRIC STRENGTH = 1000V ACrms/DC FOR ONE MINUTE

MECHANICAL:

DURABILITY = 300 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)



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:			

HARWIN

www.harwin.com
 technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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