

# Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

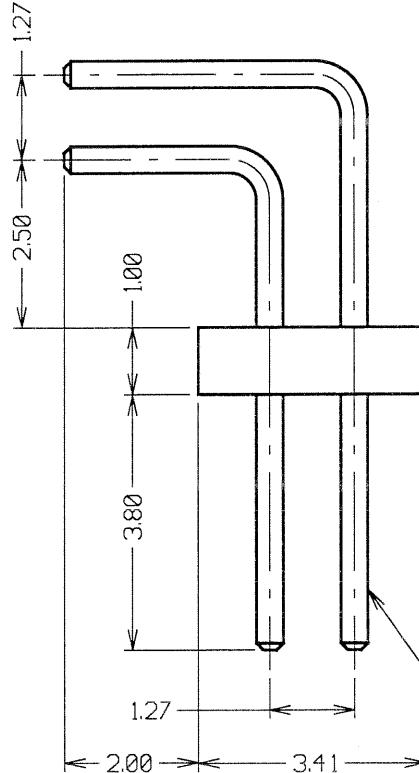
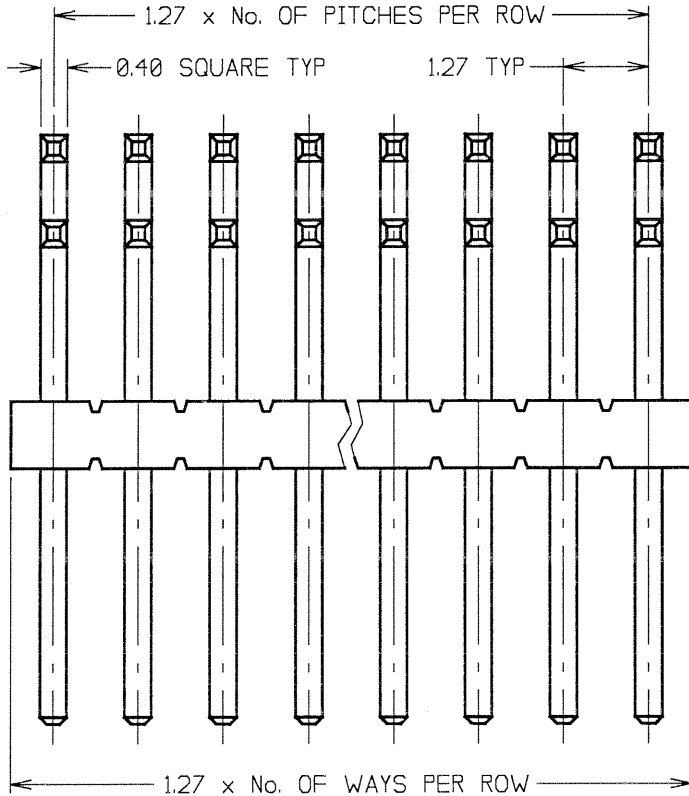
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



### SPECIFICATIONS:

#### MATERIAL:

MOULDING = NYLON-6T UL94V-0  
CONTACT = PHOSPHOR BRONZE

#### FINISH:

CONTACT = 0.02-0.08µ GOLD ON CONTACT AREA,  
2.5-3.8µ 100% TIN ON TAILS

#### ELECTRICAL:

CURRENT RATING (ALL CONTACTS ARE  
ELECTRICALLY LOADED) = 1 AMP  
CONTACT RESISTANCE = 30 MILLIOHMS MAX  
INSULATION RESISTANCE = 5000 MEGOHMS MIN  
DIELECTRIC WITHSTANDING = 600V AC MIN

#### MECHANICAL:

PIN RETENTION = 4.4N MIN  
SOLDERABILITY = 250°C FOR 3 TO 5 SECONDS  
DURABILITY = 600 CYCLES

#### ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

#### PACKING:

TRAY

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

ORDER CODE:

**M50-390XX42**

No. OF WAYS PER ROW  
01 TO 50

FINISH:

42 = SELECTIVE GOLD + 100% TIN

#### NOTES:

- ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
- RECOMMENDED HOLE SIZE =  $\varnothing 0.65 \pm 0.05\text{mm}$ .

JMB	8	07.04.06	9151
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN:		J. KEIR	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES  
X. - ±1mm  
X.X - ±0.25mm  
X.XX - ±0.10mm  
X.XXX - ±0.01mm  
ANGLES = ±5°  
UNLESS STATED

MATERIAL:  
SEE ABOVE  
FINISH: SEE ABOVE  
S/AREA: mm<sup>2</sup>

TITLE:  
1.27mm PITCH DIL HORIZONTAL  
PIN HEADER  
DRAWING NUMBER:  
**M50-390XX42**  
SHT  
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