

# Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

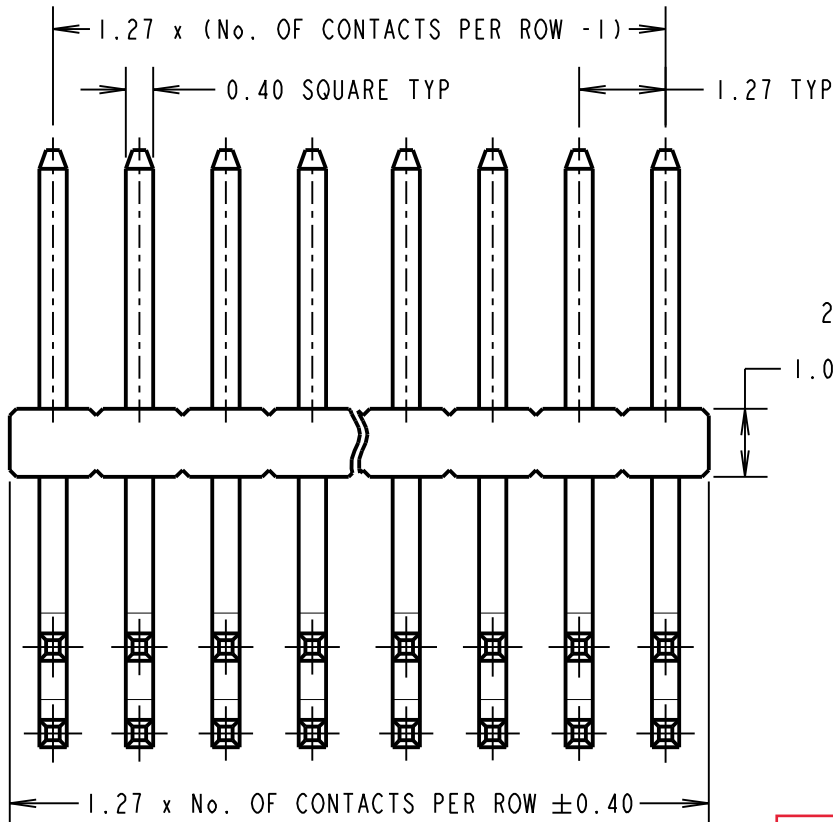
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SELECTIVE GOLD  
IN THIS AREA

**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = HIGH TEMP THERMOPLASTIC,  
UL94V-0, BLACK

CONTACTS = COPPER ALLOY

**FINISH:**

CONTACTS = 0.70 TO 1.30µ NICKEL ALL OVER,  
0.08 TO 0.15µ GOLD ON CONTACT AREA,  
2.50 TO 3.00µ 100% TIN ON TAILS

**ELECTRICAL:**

CURRENT RATING = 1A

CONTACT RESISTANCE = 20mΩ MAX

INSULATION RESISTANCE = 1000MΩ MIN

DIELECTRIC WITHSTANDING = 1000V AC FOR  
ONE MINUTE

**MECHANICAL:**

DURABILITY = 300 CYCLES MIN

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

BOX

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

**OBSOLETE**

All other size/finish  
combinations not listed below

ORDER CODE:

**M50-390XX42**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 50

FINISH: \_\_\_\_\_  
42 = SELECTIVE GOLD +  
100% TIN OVER NICKEL

**Active  
products:**

- M50-3900242
- M50-3900542
- M50-3900642
- M50-3900842
- M50-3901042
- M50-3901242
- M50-3901542
- M50-3902042
- M50-3902542
- M50-3905042

**NOTES:**

1. ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.
2. RECOMMENDED PCB HOLE SIZE = Ø0.65 ±0.05mm.

SB	13	07.05.13	12082
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J.KIER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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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  
2 OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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