

# 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

**NOTES:**

1. ALL TOLERANCES ARE  $\pm 0.25$  UNLESS OTHERWISE STATED.
2. RECOMMENDED HOLE SIZE =  $\varnothing 0.65 \pm 0.05$ mm.

**SPECIFICATION:**

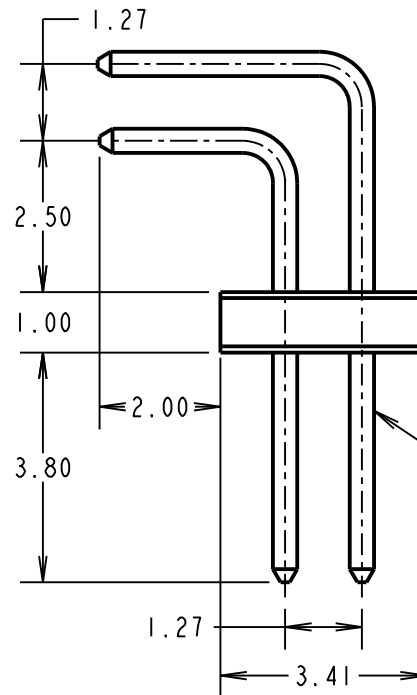
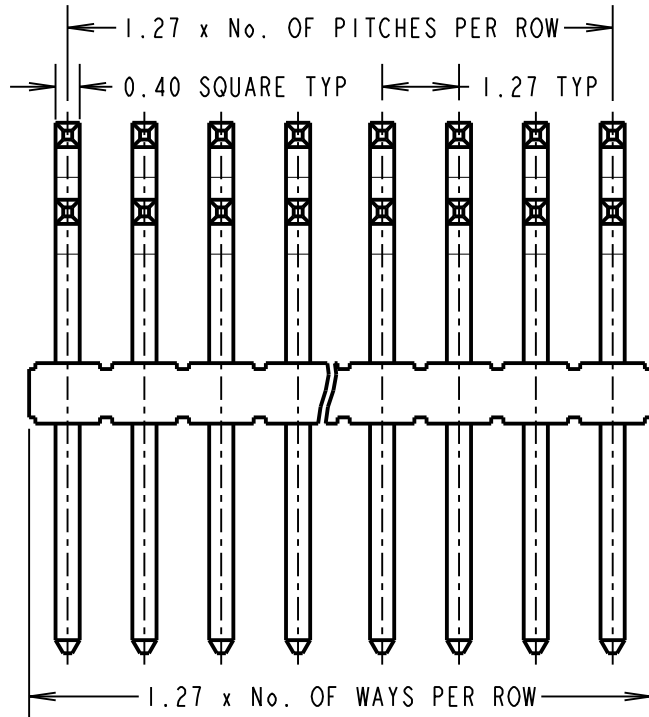
**MATERIAL:**  
 MOULDING = NYLON 6T, UL94V-0, BLACK  
 CONTACT = PHOSPHOR BRONZE  
**FINISH (CONTACT):**  
 42 = 0.15 - 0.08 $\mu$  GOLD ON CONTACT AREA,  
 2.5 - 3.0 $\mu$  100% TIN ON TAILS,  
 ALL OVER 0.7 - 1.3 $\mu$  NICKEL

**ELECTRICAL:**  
 CURRENT RATING (ALL CONTACTS ARE ELECTRICALLY LOADED) = 1A MAX  
 CONTACT RESISTANCE = 30 m $\Omega$  MAX  
 INSULATION RESISTANCE = 5,000 M $\Omega$  MIN  
 DIELECTRIC STRENGTH = 600V AC/DC

**MECHANICAL:**  
 PIN RETENTION = 4.4N MIN  
 SOLDERABILITY = 250°C FOR 3 TO 5 SECONDS  
 DURABILITY = 600 OPERATIONS

**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**  
 TUBE  
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION  
 C029XX (LATEST ISSUE)



SELECTIVE GOLD  
 IN THIS AREA

ORDER CODE:

**M50-390XX42**

No. OF WAYS PER ROW ———  
 01 TO 50

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

RA	9	21.12.11	11604
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		J. KIER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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**TOLERANCES**  
~~X =  $\pm 1$ mm  
 X.X =  $\pm 0.25$ mm  
 X.XX =  $\pm 0.10$ mm  
 X.XXX =  $\pm 0.01$ mm  
 ANGLES =  $\pm 5^\circ$   
 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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