

# Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

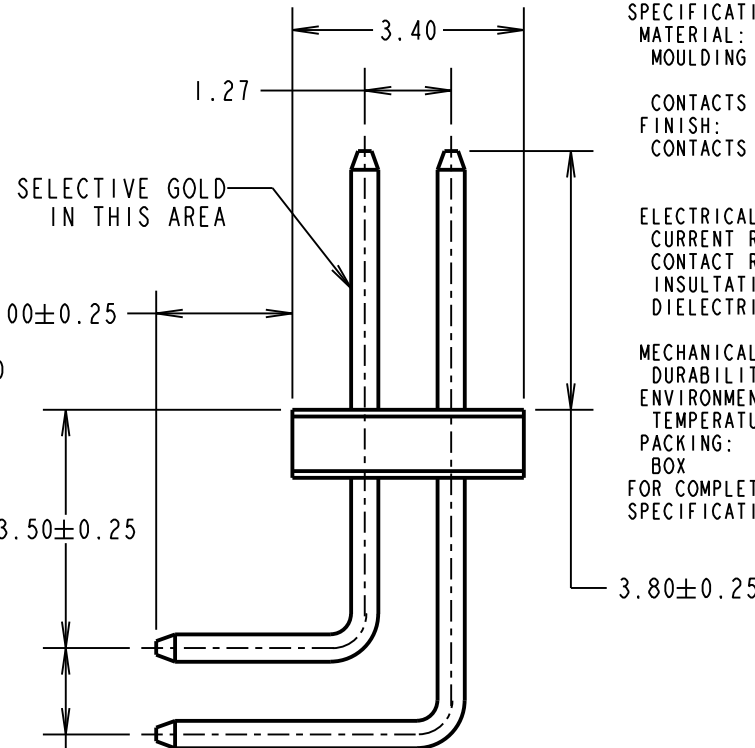
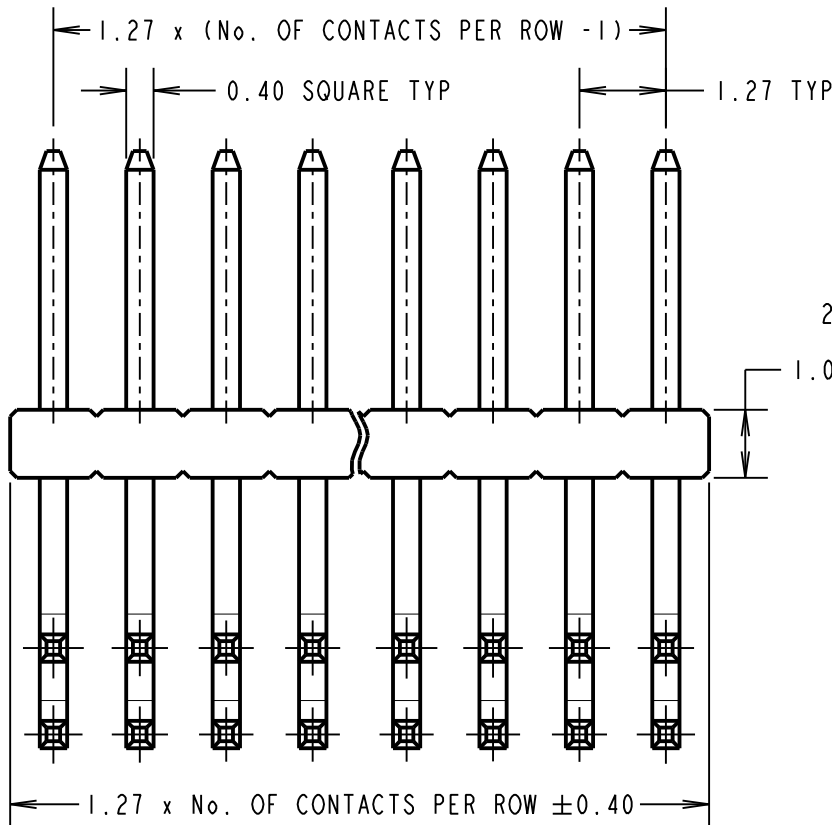
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**  
**MATERIAL:**  
 MOULDING = 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)

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

ORDER CODE:  
**M50-390XX42**  
 No. OF CONTACTS PER ROW: 02 TO 50  
 FINISH: 42 = SELECTIVE GOLD + 100% TIN OVER NICKEL

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**  
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