

# Customer Information Sheet

DRAWING No.: M50-360XX42

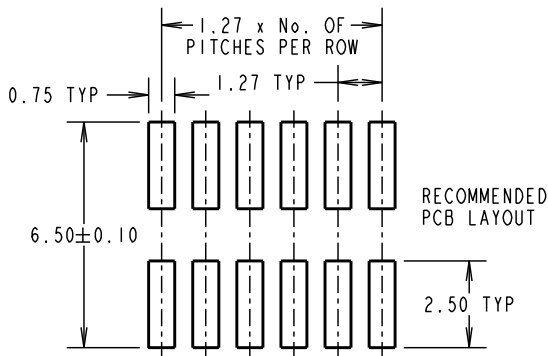
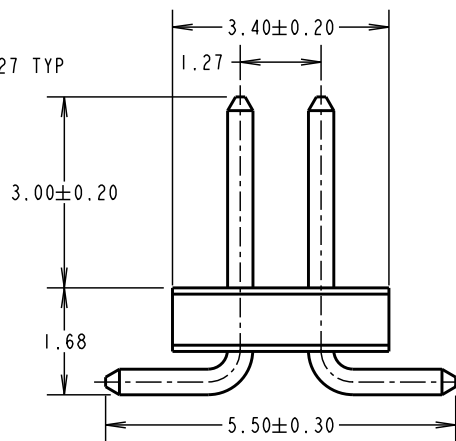
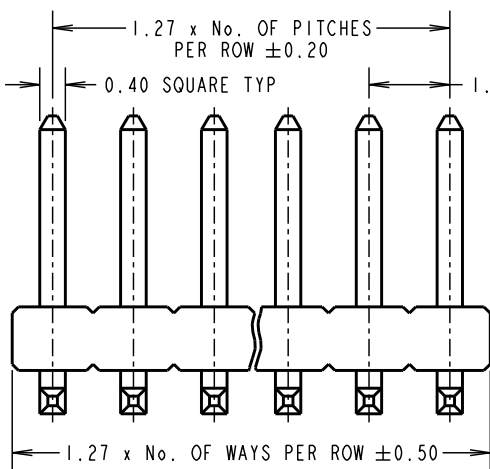
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = HIGH TEMP THERMOPLASTIC UL94V-0  
 CONTACTS = BRASS  
**FINISH:**  
 CONTACTS = 0.15 - 0.08µ GOLD ON CONTACT AREA,  
 2.5 - 3.0µ 100% TIN OVER 0.7 - 1.3µ  
 NICKEL ON TAILS

**ELECTRICAL:**  
 CURRENT RATING (ALL CONTACTS ARE  
 ELECTRICALLY LOADED) = 1A  
 CONTACT RESISTANCE = 30mΩ MAX  
 INSULATION RESISTANCE = 5000MΩ MIN  
 DIELECTRIC WITHSTANDING = 600V AC MIN  
**MECHANICAL:**  
 PIN RETENTION = 4.4N NOMINAL  
 SOLDERABILITY = 250°C FOR 3 TO 5 SECONDS  
 DURABILITY = 600 CYCLES

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

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

ORDER CODE:  
**M50-360XX42**  
 No. OF WAYS PER ROW = 42  
 01 TO 50  
 FINISH:  
 42 = SELECTIVE GOLD  
 + 100% TIN OVER NICKEL

SB	14	29.03.12	11696
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J. KIER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:  
 1. ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.

**HARWIN**

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**TOLERANCES**  
 % = ±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 VERTICAL SMT PIN HEADER

**DRAWING NUMBER:**  
**M50-360XX42**

SHT  
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