

Customer Information Sheet

DRAWING No.: M50-311XX42

SHEET 2 OF 2

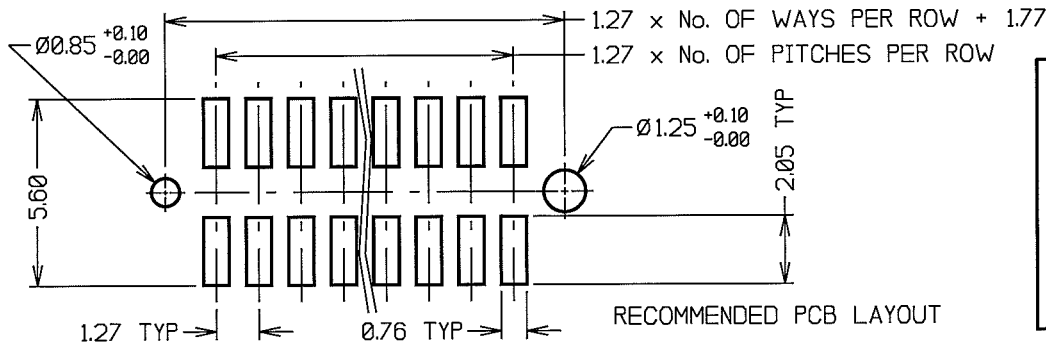
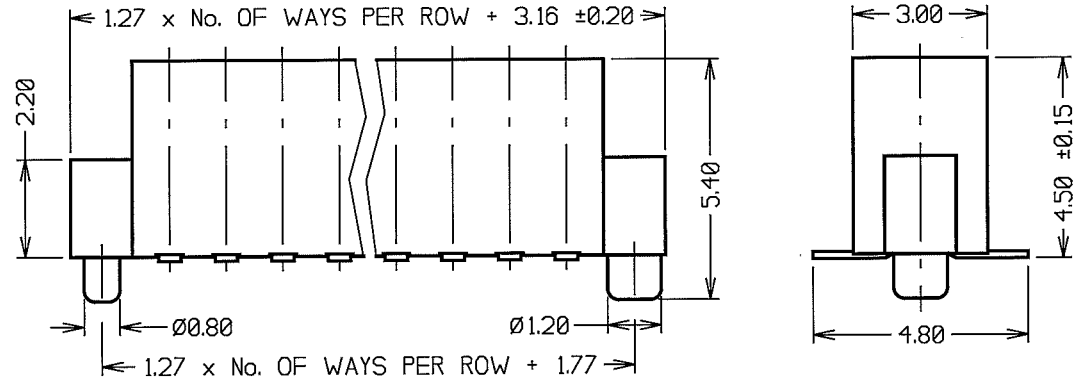
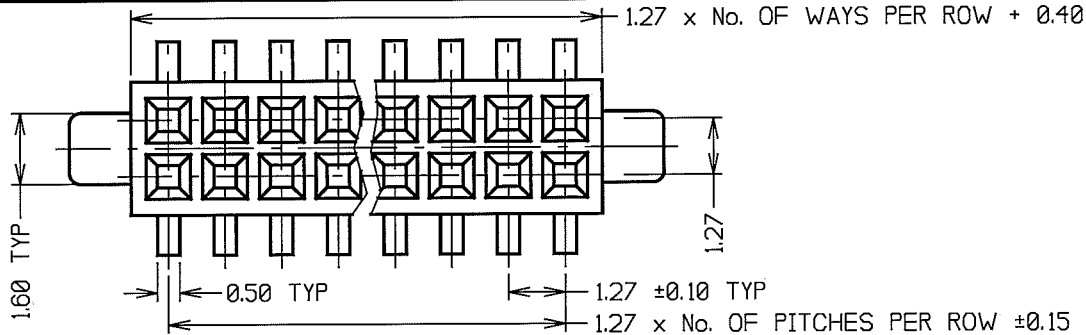
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

MATERIAL:
 MOULDING - HIGH TEMP THERMOPLASTIC UL94V-0
 CONTACTS - HIGH STRENGTH COPPER ALLOY
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 = 1000 MEGOHMS MIN
 DIELECTRIC WITHSTANDING = 250V AC MIN

MECHANICAL:
 CONTACT RETENTION = 3.0N NOMINAL
 INSERTION FORCE = 0.56N NOMINAL
 WITHDRAWAL FORCE = 0.15N MIN
 SOLDERABILITY = 260°C FOR 3 SECONDS
 DURABILITY = 600 CYCLES

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

PACKING:
 TUBE

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

NOTES:

- ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.

ORDER CODE:

M50-311XX42

No. OF WAYS PER ROW
 05 TO 12, 15, 20, 25
 30, 35, 40, 45 & 50

FINISH:
 42 = SELECTIVE GOLD/100% TIN

RA	6	13.10.08	10175
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN:		J. KEIR	
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: mm²

TITLE:
 1.27mm PITCH DIL SMT VERT.
 SOCKET ASSEMBLY WITH POSTS
DRAWING NUMBER:
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