

Customer Information Sheet

DRAWING No.: M50-311XX42

SHEET 2 OF 2

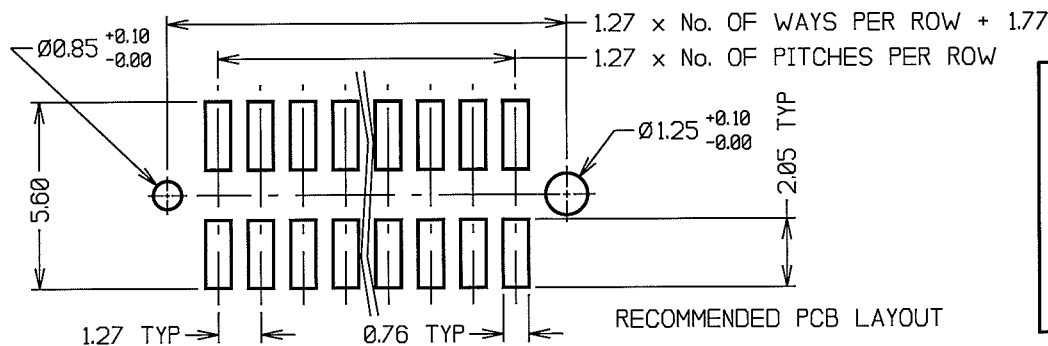
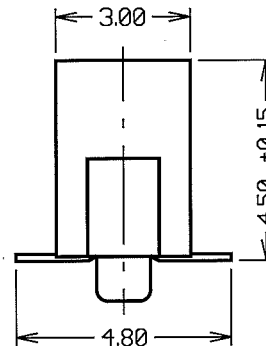
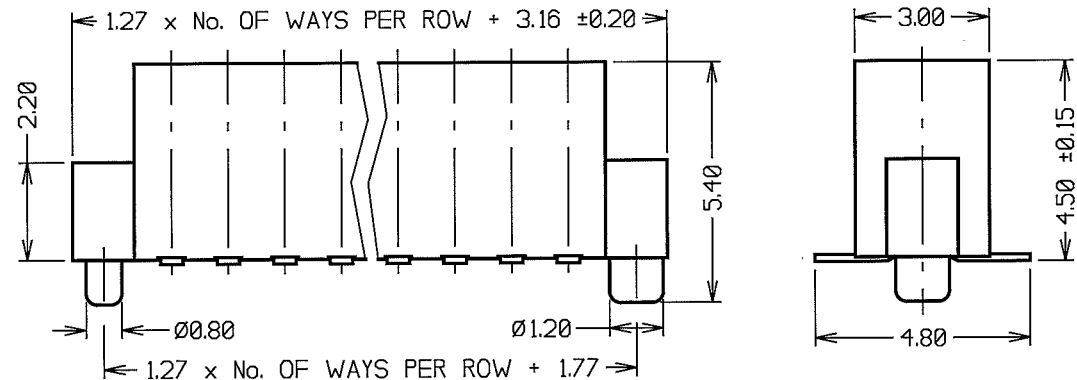
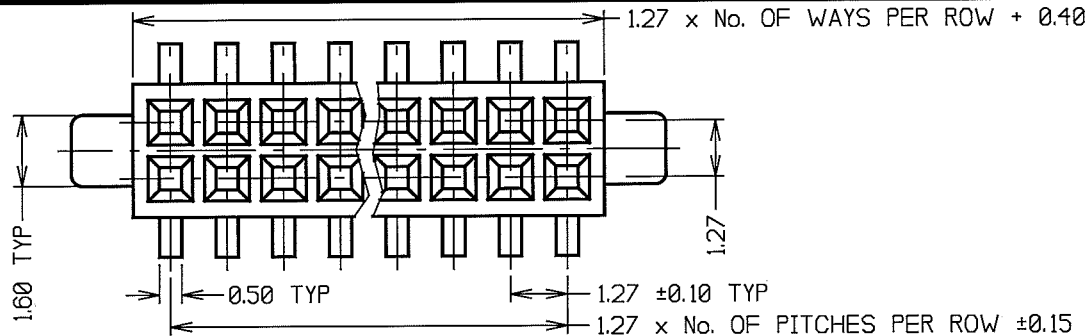
IF IN DOUBT - ASK

(C)

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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SHT
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