

Customer Information Sheet

DRAWING No.: M50-360XX42P

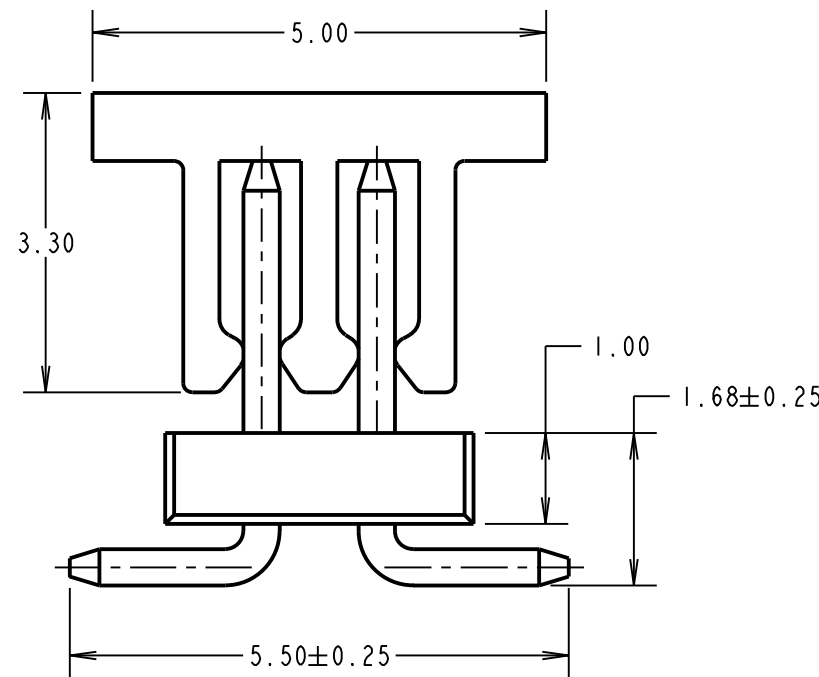
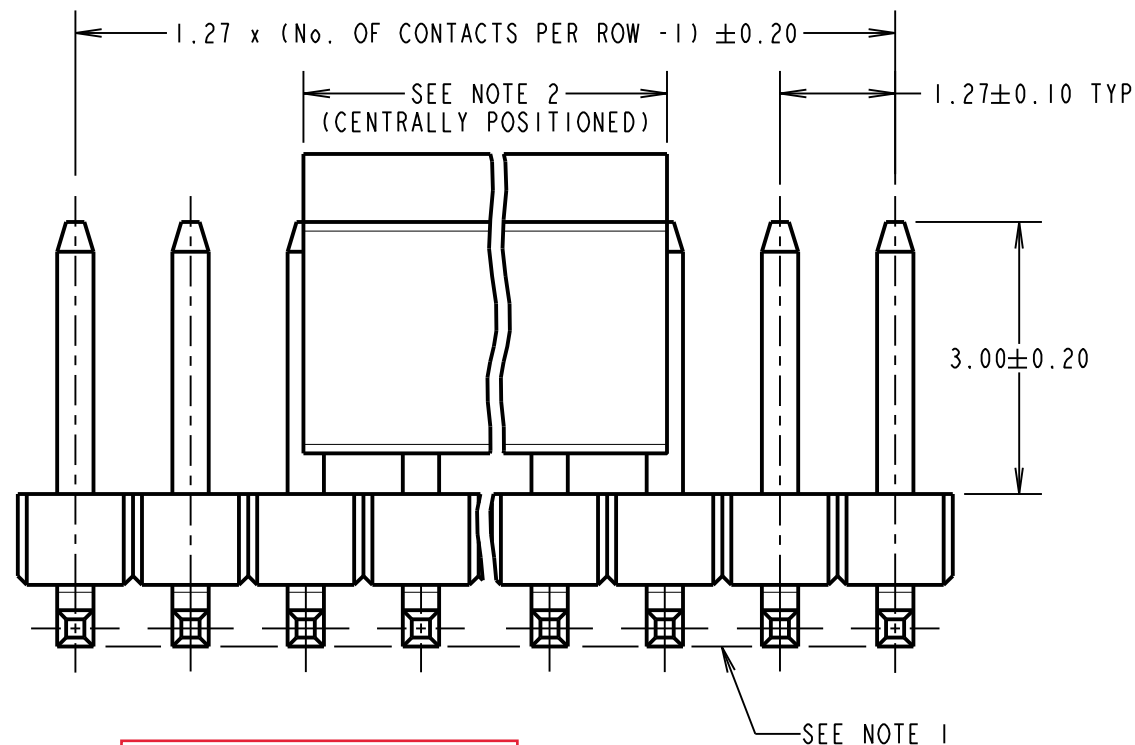
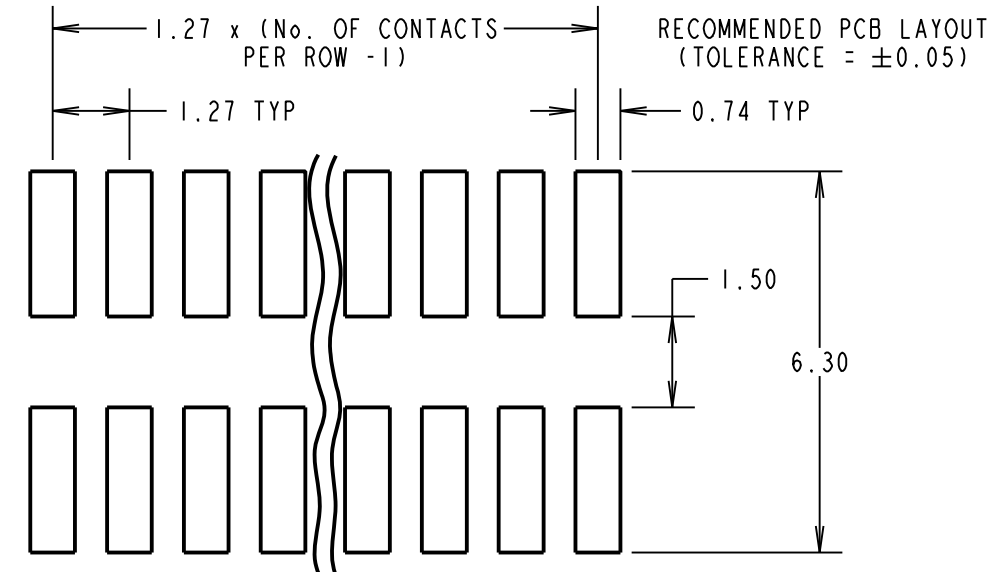
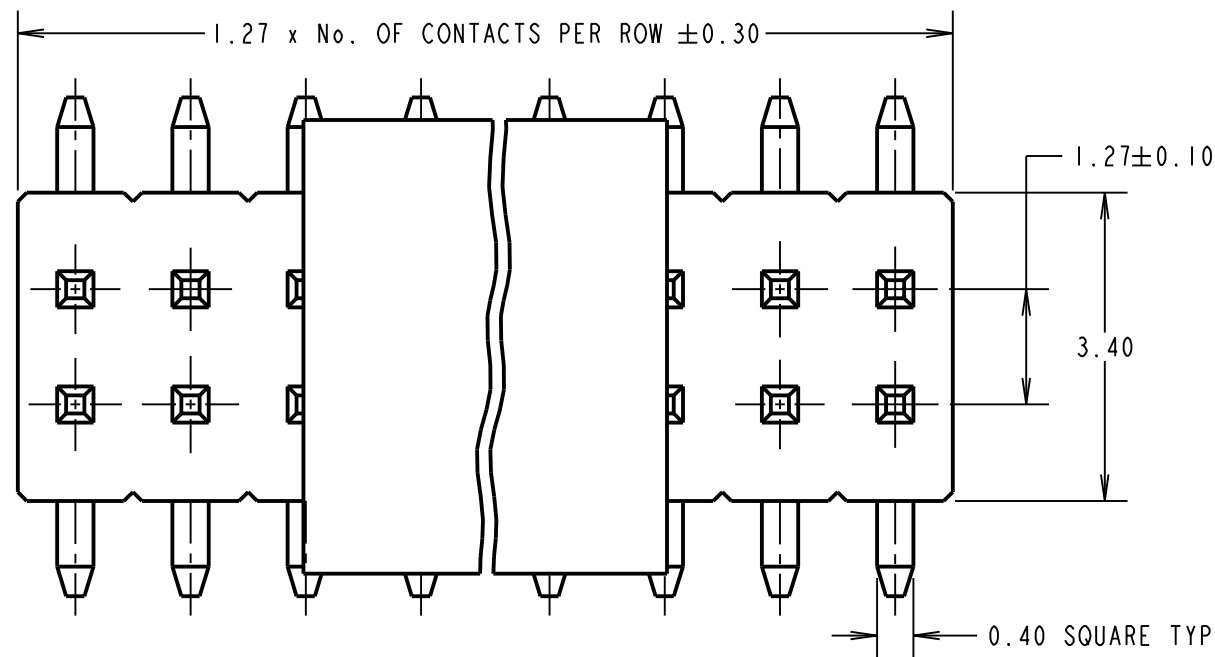
IF IN DOUBT - ASK

©

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 1.30 μ NICKEL ALL OVER, 0.08 TO 0.15 μ GOLD ON CONTACT AREA, 2.50 TO 3.00 μ 100% TIN ON TAILS

ELECTRICAL:

CURRENT RATING = 1A

CONTACT RESISTANCE = 20m Ω MAX

INSULATION RESISTANCE = 1000M Ω 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)

OBSOLETE

All other size/finish combinations not listed

Active products:

M50-3600542P
M50-3600742P

ORDER CODE:

M50-360XX42P

No. OF CONTACTS PER ROW: _____
02 TO 50

FINISH: _____
42 = SELECTIVE GOLD & 100% TIN OVER NICKEL

NOTES:

- CO-PLANARITY OF TAILS FOR 02 TO 30 CONTACTS PER ROW = 0.15mm, 31 TO 50 CONTACTS PER ROW = 0.20mm.
- PICK AND PLACE CAP LENGTH = 3.60mm FOR 02 TO 05 CONTACTS PER ROW, 6.40mm FOR 06 TO 50 CONTACTS PER ROW.
- ALL TOLERANCES ARE ± 0.15 , UNLESS OTHERWISE STATED.

SB	8	19.03.13	11904
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J.M.BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
X = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: 1.27mm PITCH DIL VERTICAL SMT PIN HEADER (WITH PICK & PLACE CAP)

DRAWING NUMBER:

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SHT
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