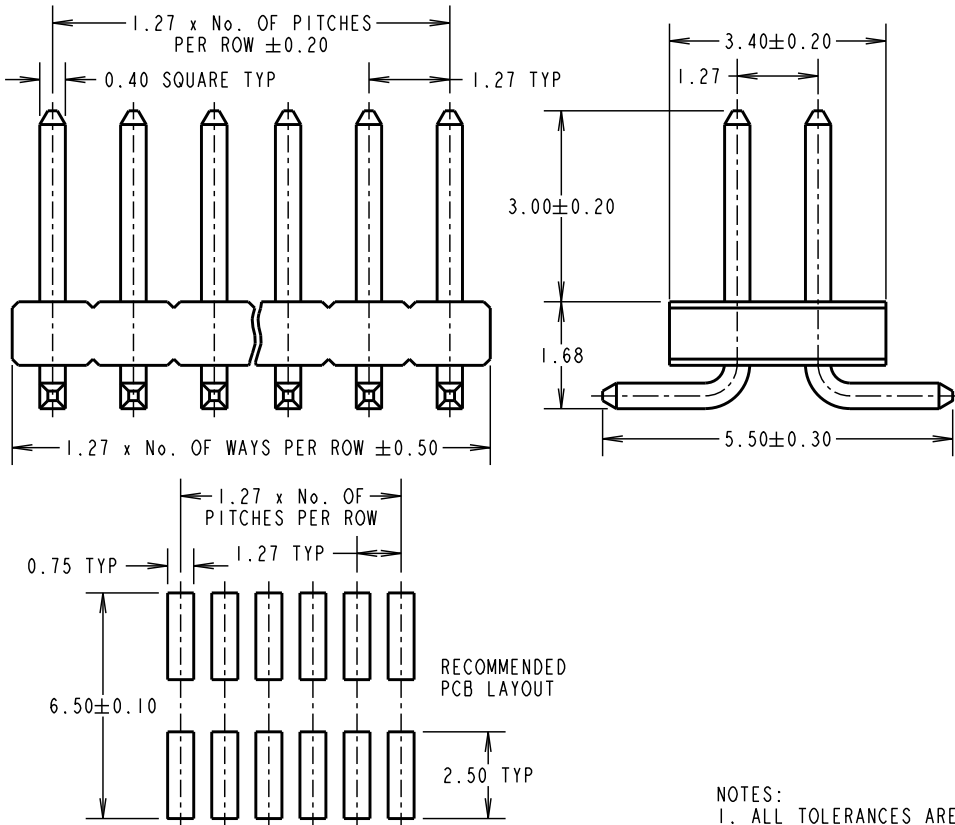


Customer Information Sheet

DRAWING No.: M50-360XX42 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDING = HIGH TEMP THERMOPLASTIC UL94V-0
 CONTACTS = BRASS
FINISH:
 CONTACTS = $0.15 - 0.08 \mu$ GOLD ON CONTACT AREA,
 $2.5 - 3.0 \mu$ 100% TIN OVER $0.7 - 1.3 \mu$
 NICKEL ON TAILS
ELECTRICAL:
 CURRENT RATING (ALL CONTACTS ARE ELECTRICALLY LOADED) = 1A
 CONTACT RESISTANCE = $30 \text{m}\Omega$ MAX
 INSULATION RESISTANCE = $5000 \text{M}\Omega$ 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 $+105^\circ\text{C}$
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: 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
 X = $\pm 1 \text{mm}$
 X.X = $\pm 0.25 \text{mm}$
 X.XX = $\pm 0.10 \text{mm}$
 X.XXX = $\pm 0.01 \text{mm}$
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:
 SEE ABOVE
FINISH:
 SEE ABOVE
S/AREA:
 mm²

TITLE:
 1.27mm PITCH DIL VERTICAL SMT PIN HEADER
DRAWING NUMBER:
M50-360XX42
 SHT 2 OF 2