Customer Information Sheet

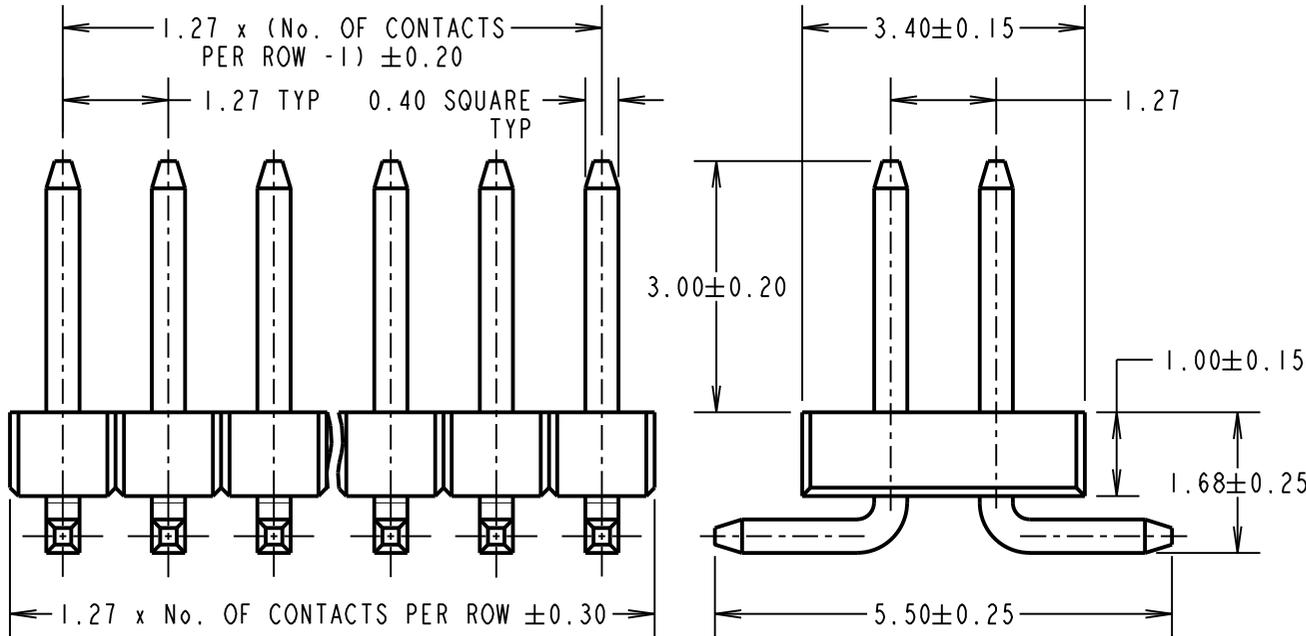| DRAWING No.: M50-360XX42 | IF IN DOUBT – ASK | © | NOT TO SCALE | THIRD ANGLE PROJECTION | ALL DIMENSIONS IN mm |

1.27 x (No. OF CONTACTS PER ROW -1) ±0.20

1.27 TYP   0.40 SQUARE TYP

3.40±0.15

1.27

3.00±0.20

1.00±0.15

1.68±0.25

1.27 x No. OF CONTACTS PER ROW ±0.30

5.50±0.25

SPECIFICATIONS:
MATERIAL:
 MOULDING = HIGH TEMP THERMOPLASTIC, UL94V-0, BLACK
 CONTACTS = COPPER ALLOY
FINISH:
 CONTACTS = 0.70 TO 1.30µ NICKEL ALL OVER, 0.08 TO 0.15µ GOLD ON CONTACT AREA, 2.50 TO 3.00µ 100% TIN ON TAILS
ELECTRICAL:
 CURRENT RATING = 1A
 CONTACT RESISTANCE = 20mΩ MAX
 INSULTATION RESISTANCE = 1000MΩ MIN
 DIELECTRIC WITHSTANDING = 1000V AC FOR ONE MINUTE
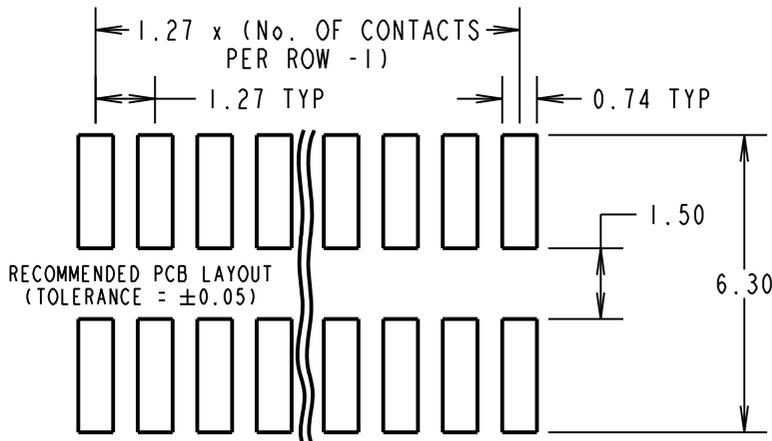MECHANICAL:
 DURABILITY = 300 CYCLES MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
 BOX
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

1.27 x (No. OF CONTACTS PER ROW -1)

1.27 TYP   0.74 TYP

1.50

6.30

RECOMMENDED PCB LAYOUT (TOLERANCE = ±0.05)

OBSOLETE
No. of contacts per row = 16 to 19, 21 to 24, 26 to 50
Last Time Buy = 15th June 2018

M50-360XX42

No. OF CONTACTS PER ROW:
02 to 15, 20, 25

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

HARWIN
www.harwin.com
technical@harwin.com

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 VERTICAL SMT PIN HEADER

DRAWING NUMBER:
M50-360XX42

SHT 2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

M50-3600242   M50-3600542   M50-3600642   M50-3600742   M50-3600842   M50-3600942   M50-3601042   M50-3601142   M50-3601242   M50-3601542   M50-3602042   M50-3602542   M50-3603042   M50-3603542   M50-3604542   M50-3605042   M50-3600342