Customer Information Sheet

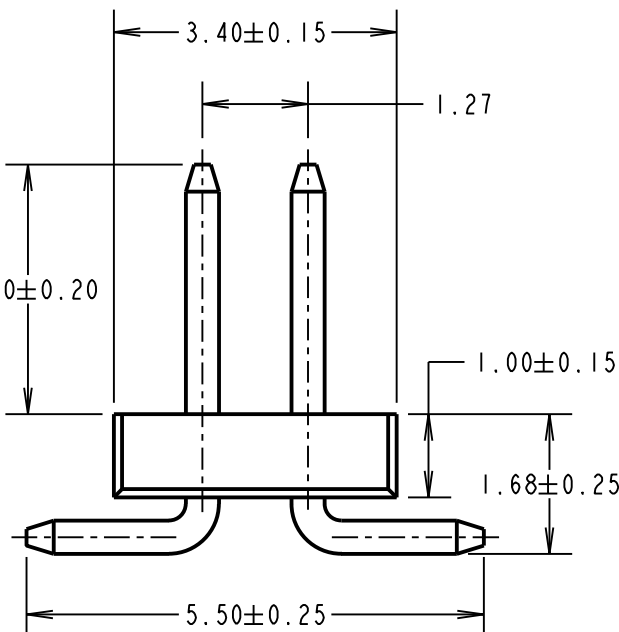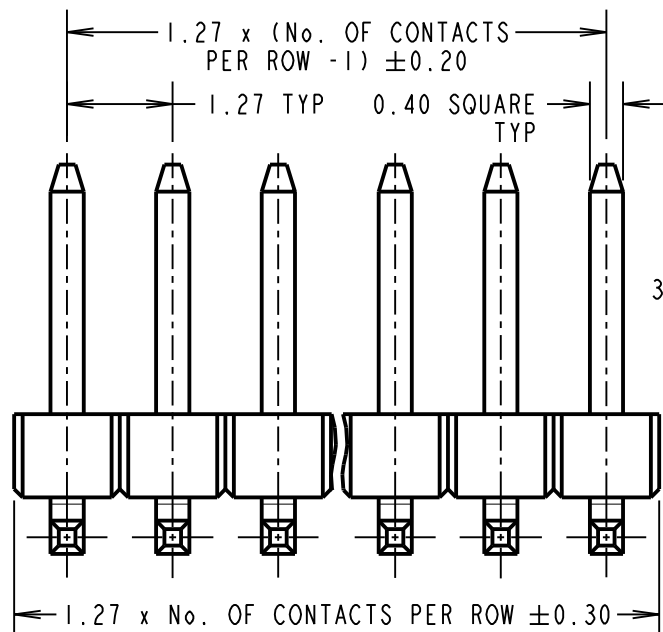| DRAWING No.: M50-360XX42	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

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

1.27 x No. OF CONTACTS PER ROW ±0.30

1.00±0.15

1.68±0.25

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
  INSULATION RESISTANCE = 1000MΩ MIN
  DIELECTRIC WITHSTANDING = 1000V AC FOR
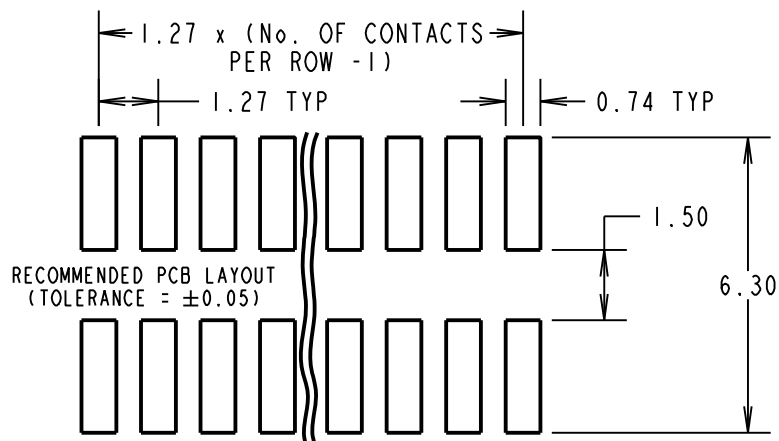   ONE MINUTE
MECHANICAL:
  DURABILITY = 300 CYCLES MIN
ENVIRONMENTAL:
  TEMPERATURE RANGE = -40°C TO +105°C
PACKING:
  BOX
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C029XX (LATEST ISSUE)

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)

ORDER CODE:

M50-360XX42

No. OF CONTACTS PER ROW:
02 TO 50

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

MGP	16	21.08.13	12195
NAME	ISS.	DATE	C/NOTE

APPROVED: MGP

CHECKED: SF

DRAWN: J. KIER

CUSTOMER REF.:

ASSEMBLY DRG:

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