

Customer Information Sheet

DRAWING No.: M50-390XX42

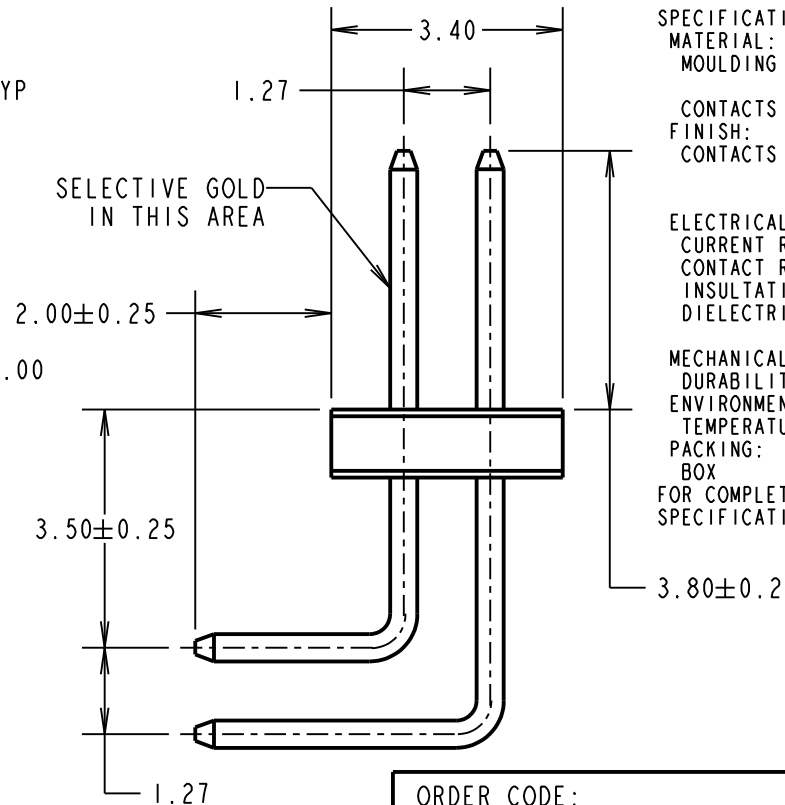
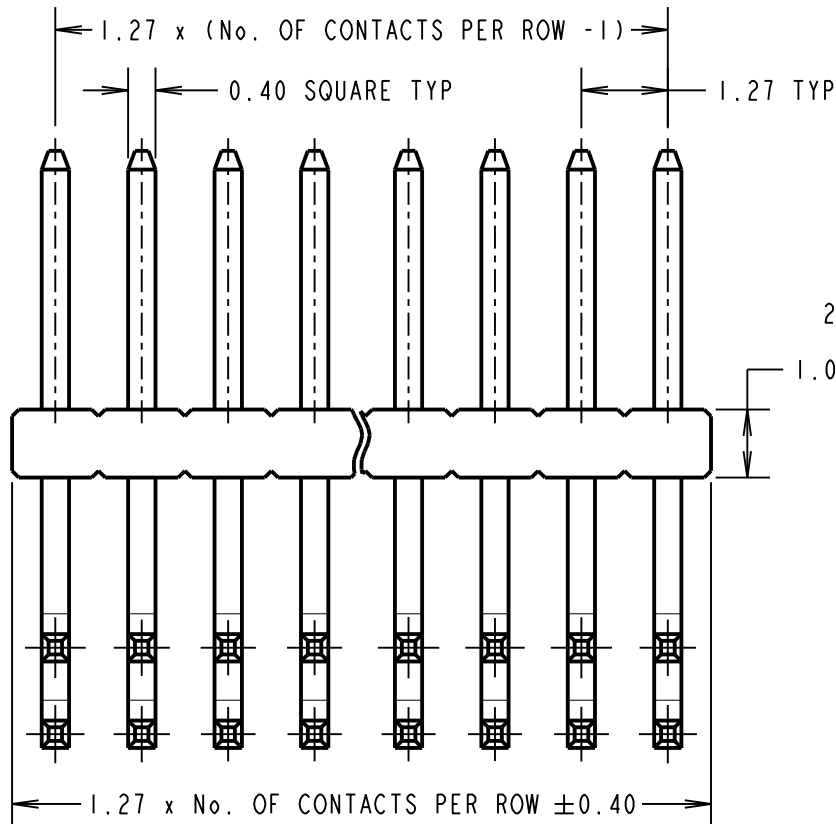
IF IN DOUBT - ASK

(C)

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

ELECTRICAL:
 CURRENT RATING = 1A
 CONTACT RESISTANCE = 20mΩ MAX
 INSULATION RESISTANCE = 1000MΩ MIN
 DIELECTRIC WITHSTANDING = 500V 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)

NOTES:

- ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.
- RECOMMENDED PCB HOLE SIZE = $\varnothing 0.65 \pm 0.05$ mm.

ORDER CODE:

M50-390XX42

No. OF CONTACTS PER ROW: _____
 02 TO 50

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

MGP	14	01.07.21	30628
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: MR			
DRAWN: J.KIER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
~~X = ±1mm~~
~~X.X = ±0.50mm~~
~~X.XX = ±0.20mm~~
~~X.XXX = ±0.01mm~~
 ANGLES = ±5°
 UNLESS STATED

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

TITLE:
 1.27mm PITCH DIL
 HORIZONTAL PIN HEADER

DRAWING NUMBER:
M50-390XX42

SHT
 2 OF 2

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