

Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

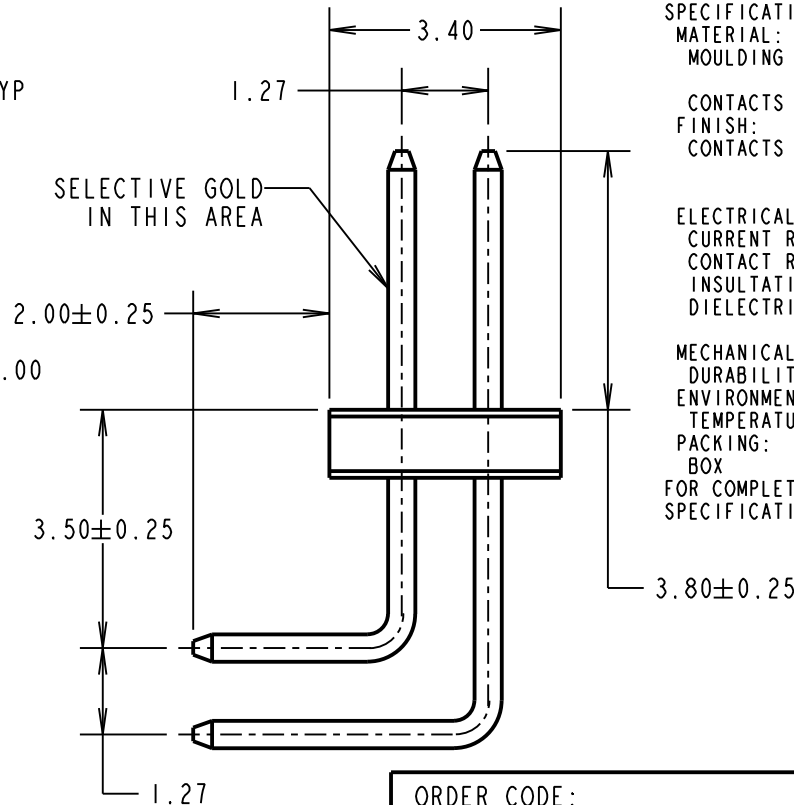
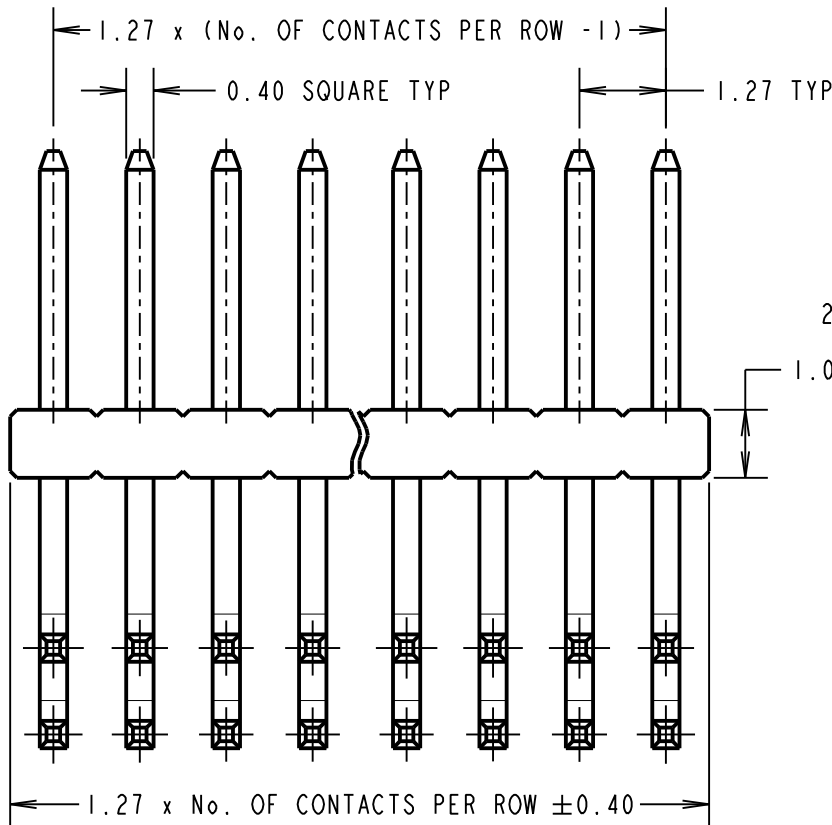
IF IN DOUBT - ASK

©

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 1.30µ 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)

NOTES:
 1. ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.
 2. RECOMMENDED PCB HOLE SIZE = Ø0.65 ±0.05mm.

ORDER CODE:
M50-390XX42
 No. OF CONTACTS PER ROW: 02 TO 50
 FINISH: 42 = SELECTIVE GOLD + 100% TIN OVER NICKEL

SB	13	07.05.13	12082
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J.KIER	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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 HORIZONTAL PIN HEADER
DRAWING NUMBER: M50-390XX42
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