

Customer Information Sheet

DRAWING No.: M50-390XX42

SHEET 2 OF 2

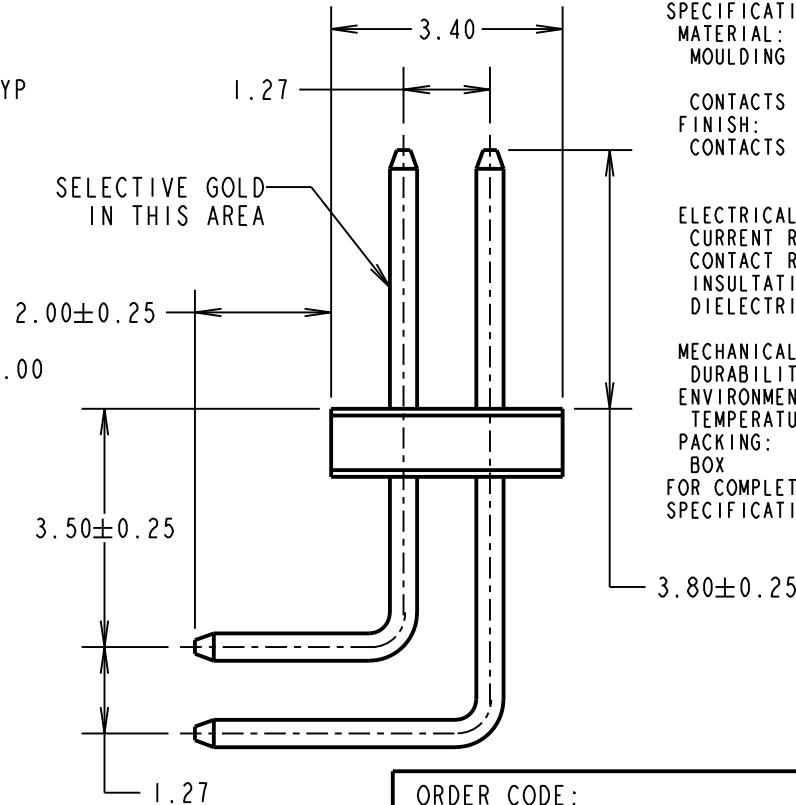
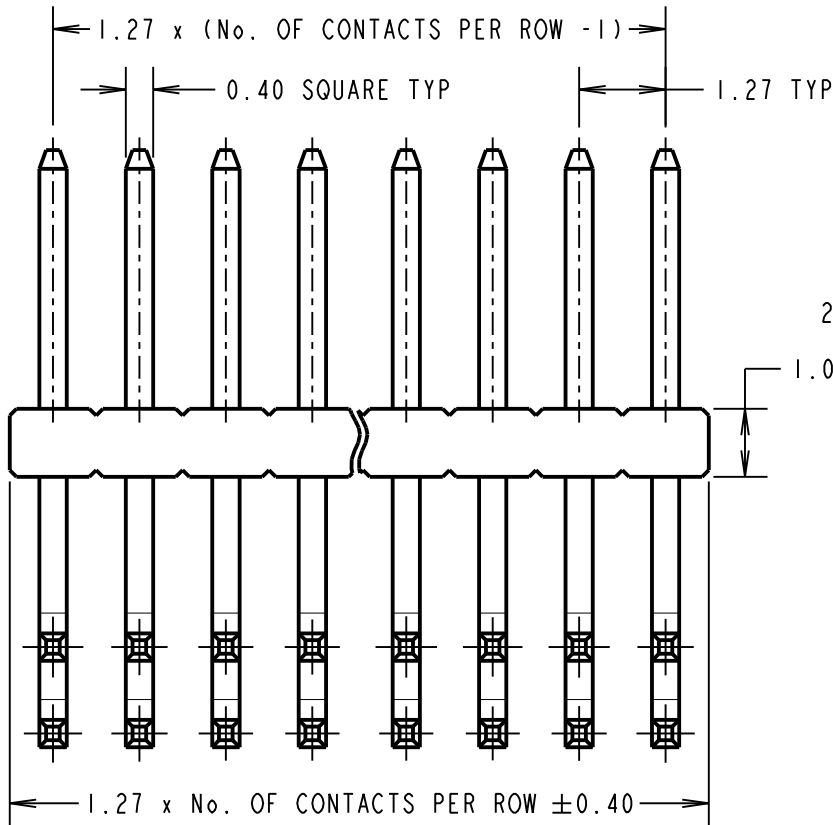
IF IN DOUBT - ASK

©

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.

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

ORDER CODE:

M50-390XX42

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

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:			

HARWIN

www.harwin.com
 technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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

SHT
 2 OF 2