

Customer Information Sheet

DRAWING No.: M50-312XX45

SHEET 2 OF 2

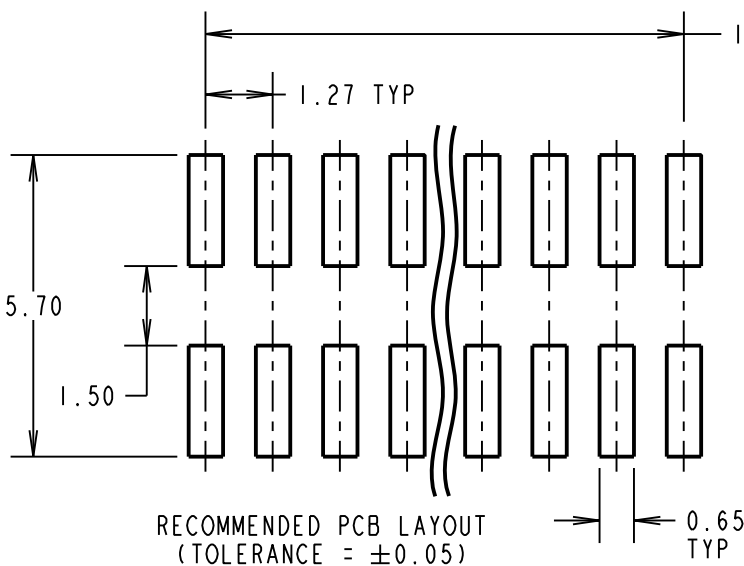
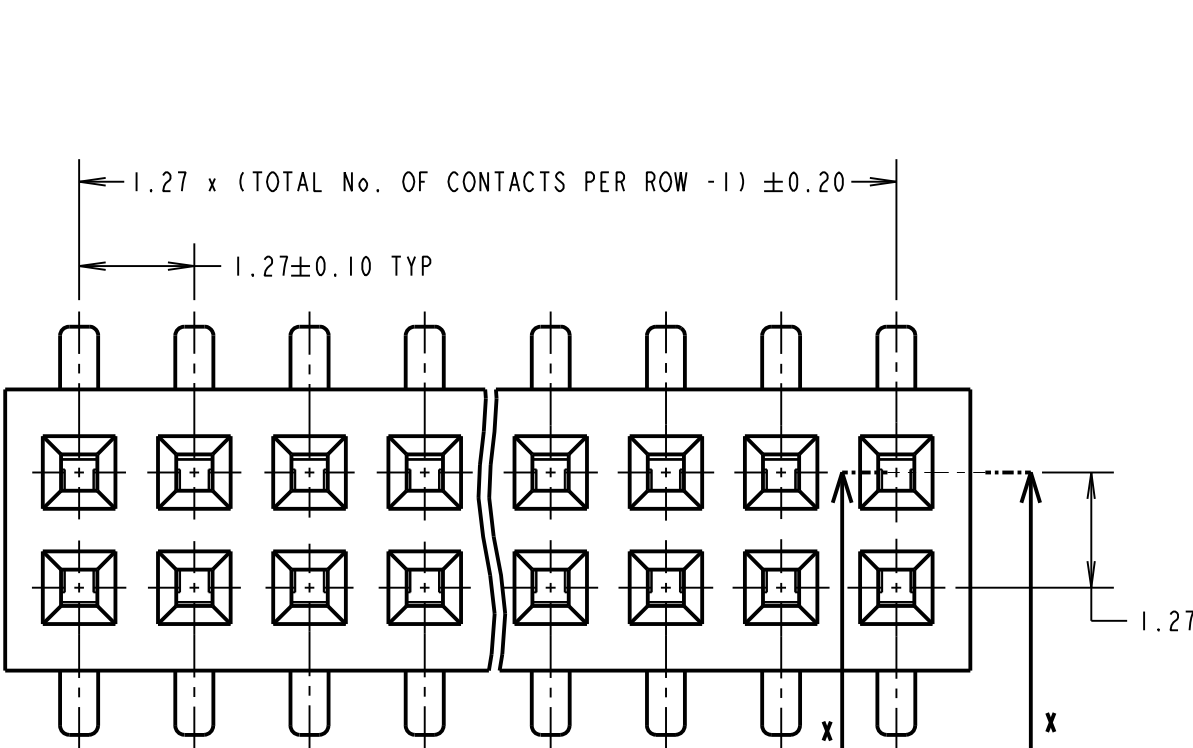
IF IN DOUBT - ASK

(C)

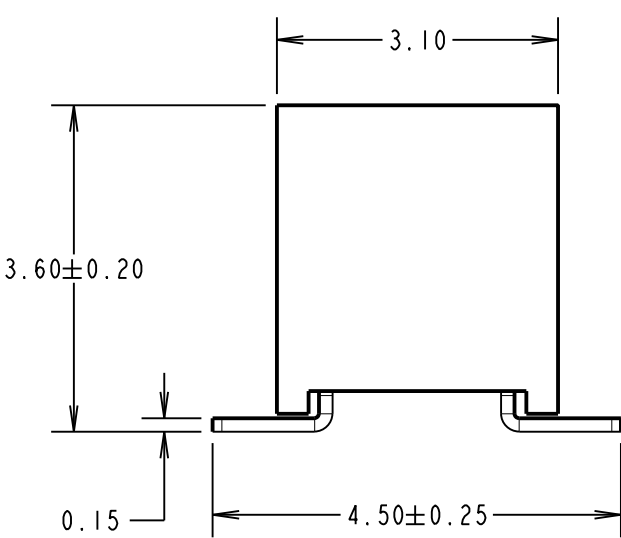
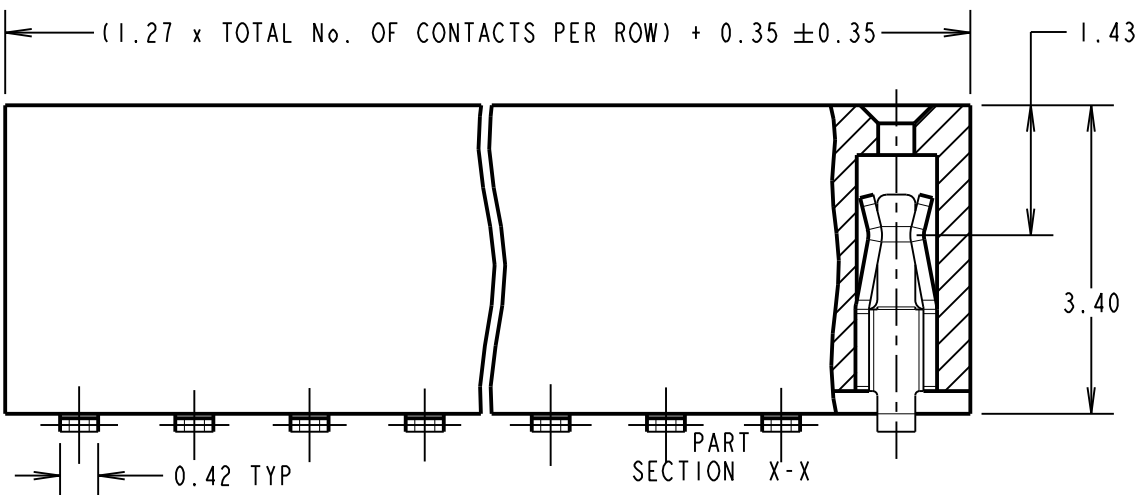
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = LCP, UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
FINISH:
CONTACT = GOLD FLASH OVER NICKEL
ELECTRICAL:
CURRENT RATING = 1A
VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE
CONTACT RESISTANCE = 30mΩ MAX
INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
DURABILITY = 100 CYCLES MIN
INSERTION FORCE = 2N MAX PER CONTACT
WITHDRAWAL FORCE = 0.15N MIN PER CONTACT
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
TUBE
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)



NOTE:
1. ALL TOLERANCES ARE ±0.15, UNLESS OTHERWISE STATED.

ORDER CODE:

M50-312XX45

No. OF CONTACTS PER ROW: 03 TO 50

FINISH: GOLD FLASH OVER NICKEL

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
VERTICAL SMT SOCKET ASSY

DRAWING NUMBER:

M50-312XX45

SHT
2 OF 2

SB	10	18.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J. ENRIGHT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

Mouser Electronics

Authorized Distributor

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

Harwin:

[M50-3120845](#) [M50-3121245](#) [M50-3121045](#) [M50-3120645](#) [M50-3121845](#) [M50-3121445](#) [M50-3124445](#) [M50-3124045](#) [M50-3124845](#) [M50-3124645](#) [M50-3124245](#) [M50-3124145](#) [M50-3124945](#) [M50-3124545](#) [M50-3124345](#) [M50-3124745](#) [M50-3125045](#) [M50-3122345](#) [M50-3123545](#) [M50-3122745](#) [M50-3123945](#) [M50-3123145](#) [M50-3123745](#) [M50-3122545](#) [M50-3122145](#) [M50-3123345](#) [M50-3122945](#) [M50-3122845](#) [M50-3122045](#) [M50-3123245](#) [M50-3123645](#) [M50-3122445](#) [M50-3122245](#) [M50-3123445](#) [M50-3123845](#) [M50-3122645](#) [M50-3123045](#) [M50-3121145](#) [M50-3121945](#) [M50-3120745](#) [M50-3121545](#) [M50-3120345](#) [M50-3120945](#) [M50-3121345](#) [M50-3120545](#) [M50-3121745](#) [M50-3121645](#) [M50-3120445](#)