

Customer Information Sheet

DRAWING No.: M52-511XX45

SHEET 2 OF 2

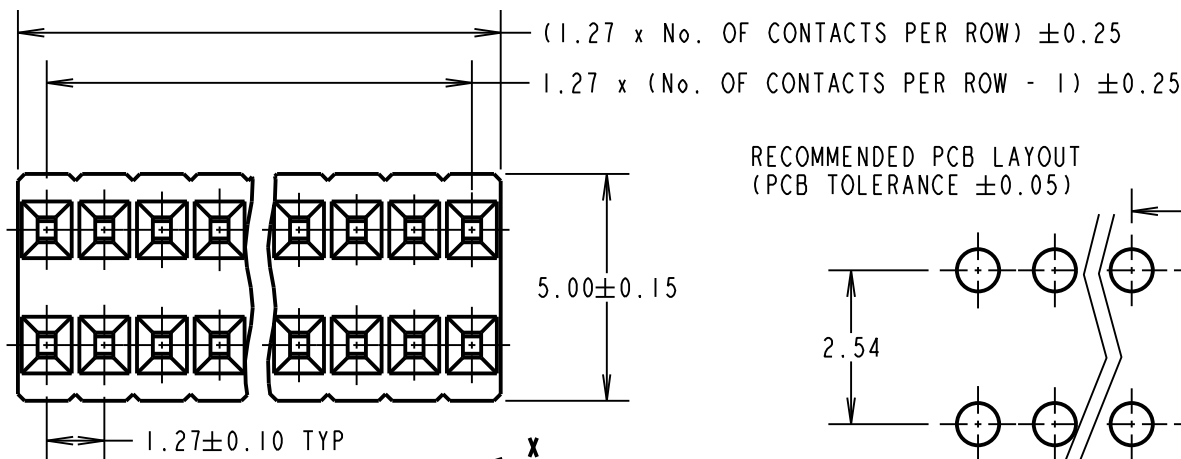
IF IN DOUBT - ASK

(C)

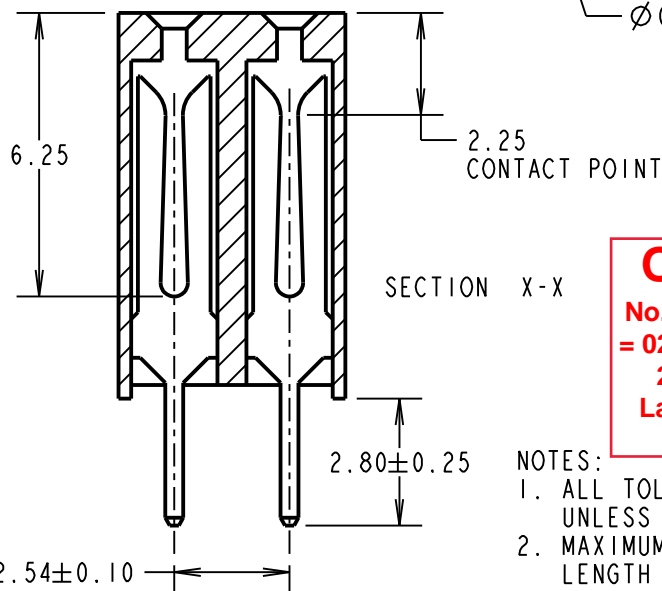
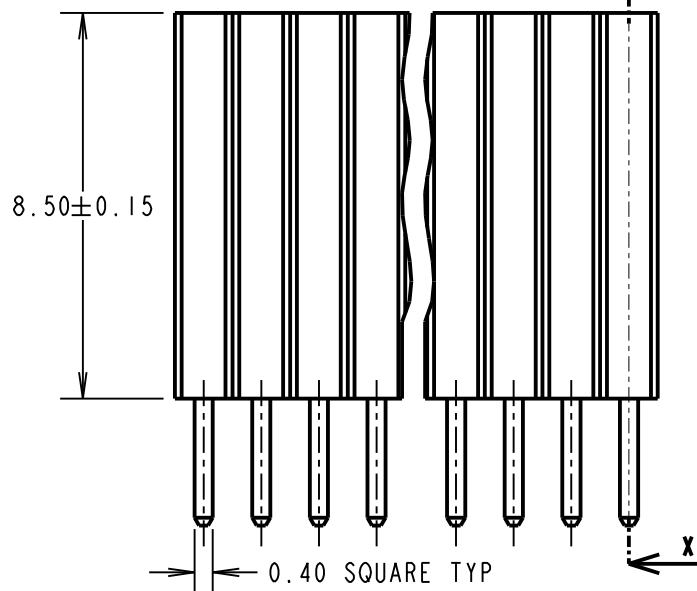
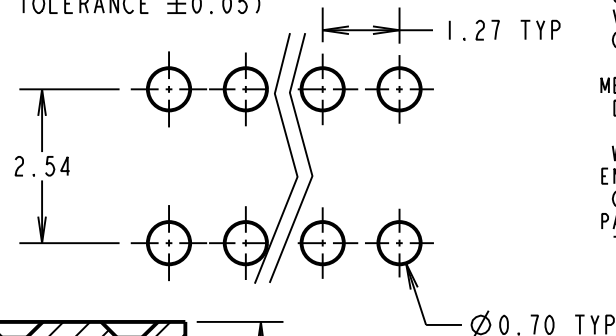
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)



SPECIFICATIONS:

MATERIAL:

MOULDING = NYLON 9T UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE

FINISH:

CONTACT = GOLD OVER NICKEL

ELECTRICAL:

CURRENT RATING = 1A
VOLTAGE PROOF = 1000V ACrms/DC
CONTACT RESISTANCE = $30m\Omega$ MAX
INSULATION RESISTANCE = $1,000M\Omega$ MIN

MECHANICAL:

DURABILITY = 300 CYCLES MIN
INSERTION FORCE = 1.5N MAX PER CONTACT
WITHDRAWAL FORCE = 0.10N MIN PER CONTACT

ENVIRONMENTAL:

OPERATING TEMPERATURE = -40°C TO $+105^{\circ}\text{C}$

PACKING:

TUBE

ORDER CODE:

M52-511XX45

No. OF WAYS PER ROW

03 to 10, 12, 15, 20, 23, 25

FINISH: GOLD

OBSELETE

No. of contacts per row
= 02, 11, 13, 14, 16 to 19,
21, 22, 24, 26 to 40
Last Time Buy = 15th
June 2018

NOTES:

- ALL TOLERANCES ARE ± 0.12 UNLESS OTHERWISE STATED.
- MAXIMUM MATING PIN LENGTH = 6.10mm.

HARWIN

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TOLERANCES

~~X. = $\pm 1\text{mm}$~~
~~X.X = $\pm 0.25\text{mm}$~~
~~X.XX = $\pm 0.10\text{mm}$~~
~~X.XXX = $\pm 0.01\text{mm}$~~
ANGLES = $\pm 5^{\circ}$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

1.27mm PITCH DIL
VERTICAL PC TAIL SOCKET ASSY

DRAWING NUMBER:

M52-511XX45

SHT
2
OF 2

SB	7	25.09.12	11832
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J. ENRIGHT	
CUSTOMER REF.:			
ASSEMBLY DRG.:			

Mouser Electronics

Authorized Distributor

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Harwin:

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