

Customer Information Sheet

DRAWING No.: M52-510XX45

SHEET 2 OF 2

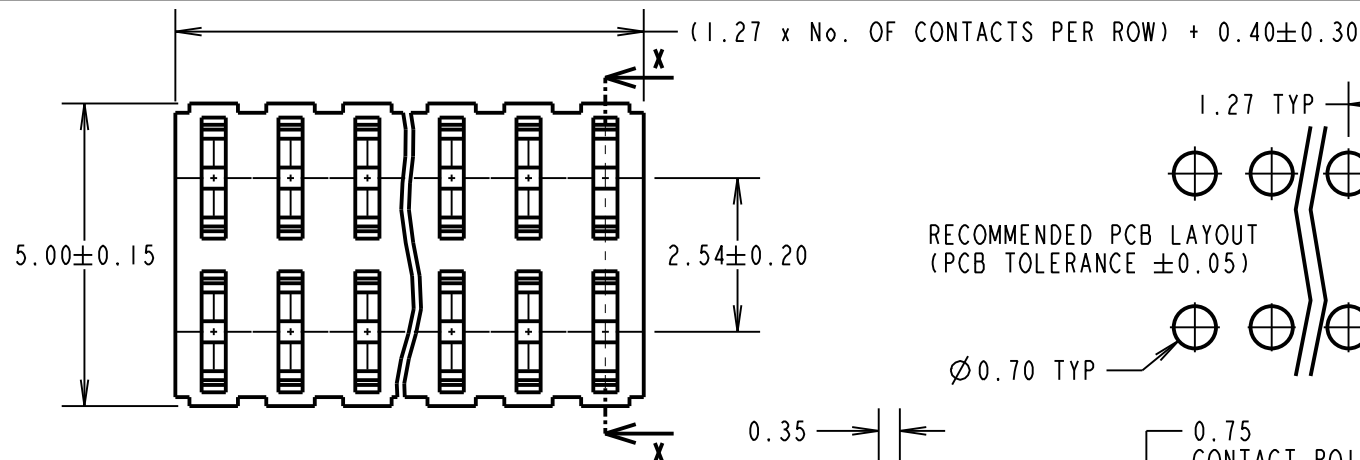
IF IN DOUBT - ASK

(C)

NOT TO SCALE

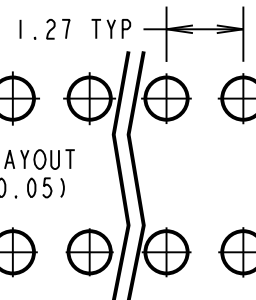
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

$\varnothing 0.70$ TYP



SPECIFICATIONS:

MATERIAL:

MOULDING = NYLON 6T UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE

FINISH:

CONTACT = GOLD OVER NICKEL

ELECTRICAL:

CURRENT RATING = 1A
DIELECTRIC WITHSTAND VOLTAGE = 500V AC
FOR ONE MINUTE

CONTACT RESISTANCE = $30m\Omega$ MAX
INSULATION RESISTANCE = $1000M\Omega$ MIN

MECHANICAL:

INSERTION FORCE = IN MAX PER PIN
WITHDRAWAL FORCE = 0.12N MIN PER PIN
DURABILITY = 300 CYCLES

ENVIRONMENTAL:

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

PACKING:

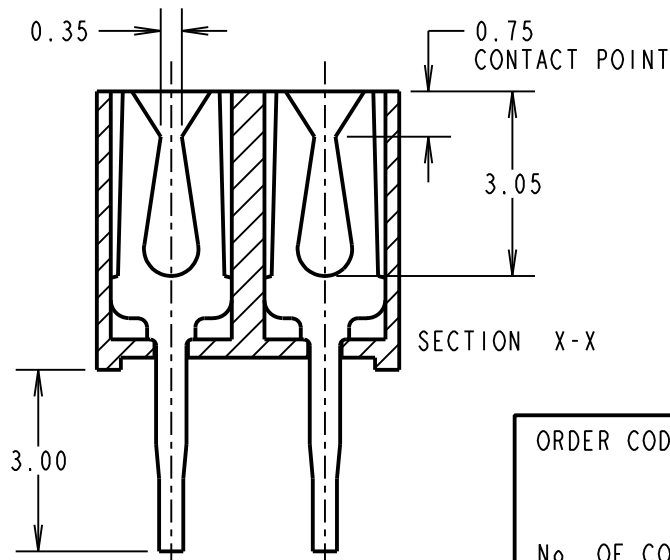
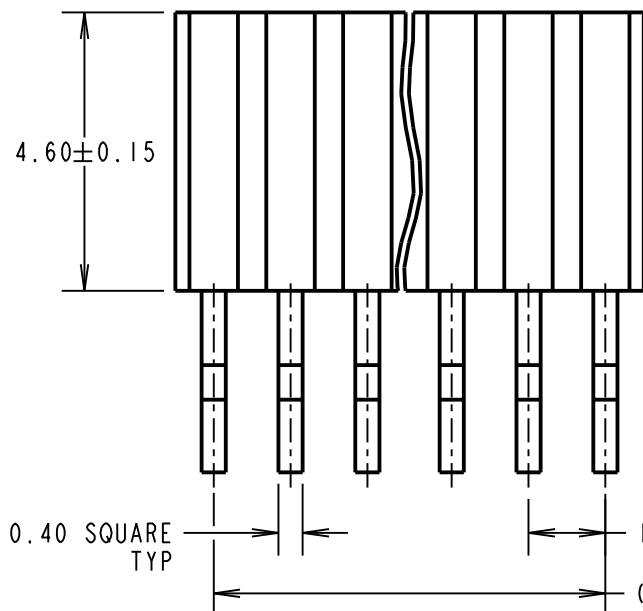
TUBE

OBSOLETE

No. of contacts per row = 02, 11, 13,
14, 15 to 19, 21 to 24, 26 to 29, 31 to 39
Last Time Buy = 15th June 2018

NOTES:

1. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.



SECTION X-X

ORDER CODE:

M52-510XX45

No. OF CONTACTS PER ROW:
03 to 10, 12, 15, 20, 25, 30, 40

FINISH:
GOLD

SB	10	17.12.13	11905
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	S.FLOWER		
DRAWN:	J. ENRIGHT		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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:

M52-510XX45

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

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