Customer Information Sheet

(1.27 x No. OF CONTACTS PER ROW) + 0.40 ±0.30

1.27 x (No. OF CONTACTS PER ROW - 1)

0.35 TYP

1.27±0.10 TYP

5.70±0.15

1.27 x (No. OF CONTACTS PER ROW - 1)

1.27 TYP

1.65

5.46

0.64 TYP
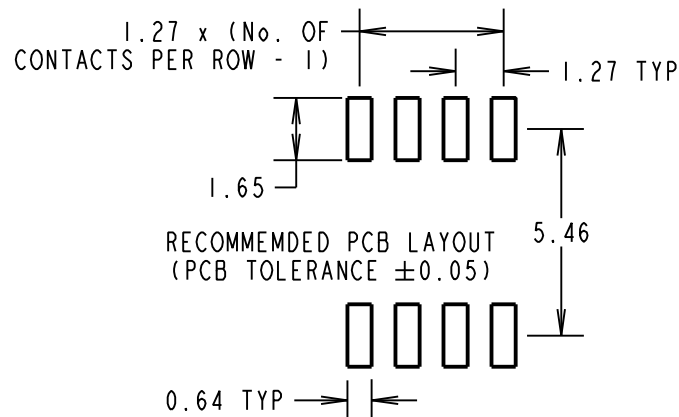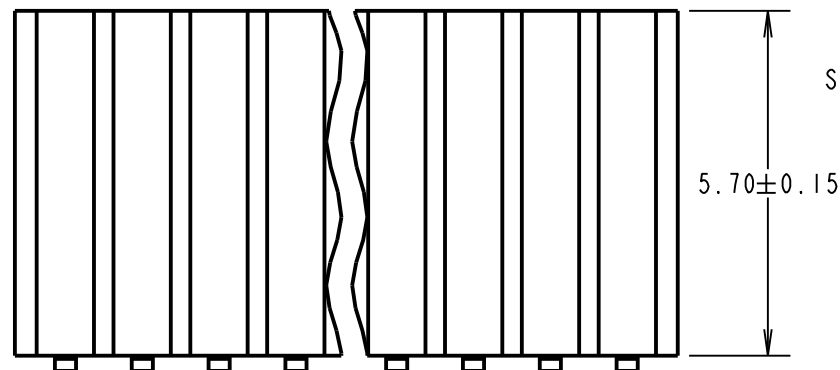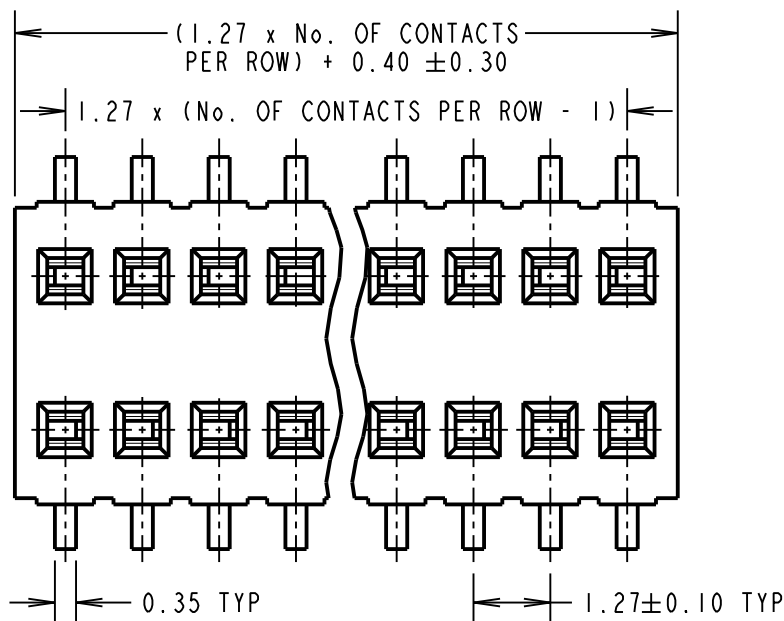
RECOMMEMDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

NOTES:
1. ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.
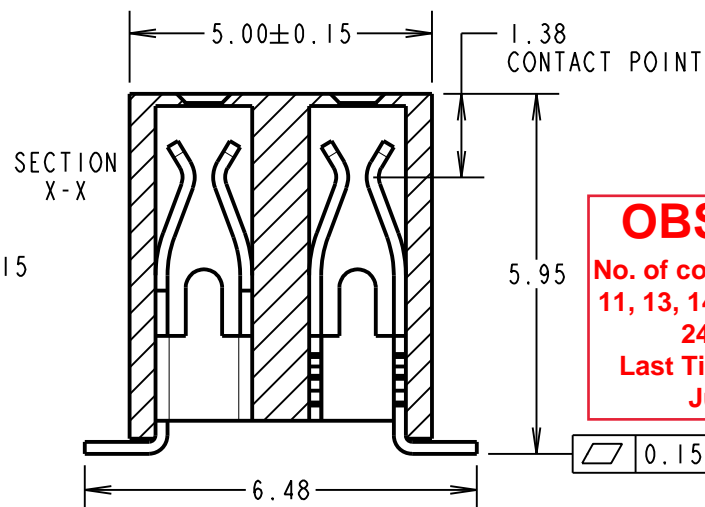
SECTION X-X

5.00±0.15

1.38 CONTACT POINT

5.95

6.48

0.15

SPECIFICATIONS:
MATERIAL:
  MOULDING = NYLON 6T UL94V-0, BLACK
  CONTACT = PHOSPHOR BRONZE
FINISH:
  CONTACT = GOLD OVER NICKEL
ELECTRICAL:
  CURRENT RATING = 1A
  DIELETRIC WITHSTAND VOLTAGE = 1000V ACrms
    FOR ONE MINUTE
  CONTACT RESISTANCE = 20mΩ MAX
  INSULATION RESISTANCE = 1000MΩ MIN
MECHANICAL:
  INSERTION FORCE = 1.5N MAX PER PIN
  WITHDRAWAL FORCE = 0.10N MIN PER PIN
  DURABILITY = 300 CYCLES
ENVIRONMENTAL:
  OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
  TUBE

ORDER CODE:

M52-515XX45

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

FINISH:
GOLD

OBSOLETE
No. of contacts per row = 11, 13, 14, 16 to 19, 21 to 24, 26 to 50
Last Time Buy = 15th June 2018

	SB	9	17.12.13	11905
NAME	ISS.		DATE	C/NOTE
APPROVED:	S.BENNETT			
CHECKED:	S.FLOWER			
DRAWN:	J.ENRIGHT			
CUSTOMER REF.:				

ASSEMBLY DRG:

HARWIN

www.harwin.com
technical@harwin.com

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:
M52-515XX45

SHT 2 OF 2

Mouser Electronics

Authorized Distributor

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[M52-5150645](#) [M52-5150445](#) [M52-5150845](#) [M52-5152945](#) [M52-5151745](#) [M52-5152145](#) [M52-5152545](#) [M52-5151345](#) [M52-5151145](#) [M52-5152345](#) [M52-5151945](#) [M52-5152745](#) [M52-5151545](#) [M52-5153045](#) [M52-5152645](#) [M52-5151445](#) [M52-5151045](#) [M52-5152245](#) [M52-5151845](#) [M52-5152845](#) [M52-5151645](#) [M52-5152045](#) [M52-5152445](#) [M52-5151245](#) [M52-5150545](#) [M52-5150945](#) [M52-5150745](#) [M52-5150345](#)