

Customer Information Sheet

DRAWING No.: M52-500XX45

SHEET 2 OF 2

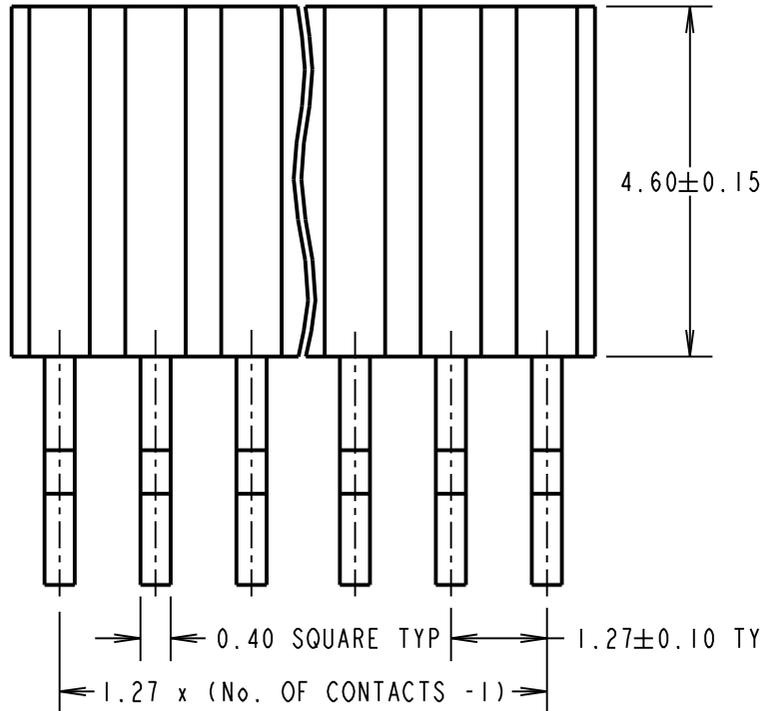
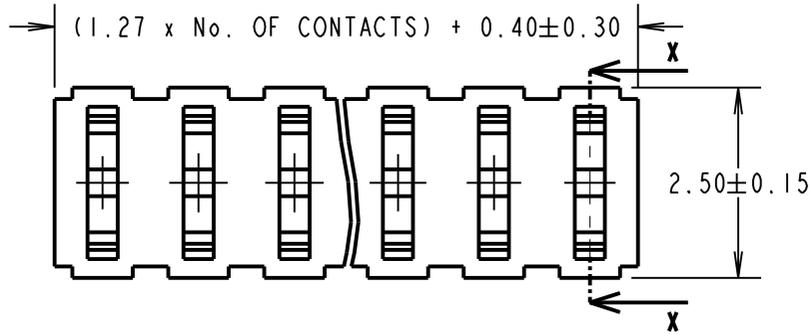
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:
M52-500XX45

No. OF CONTACTS PER ROW:
03 to 10, 12, 14 to 16, 20, 25, 40

FINISH: _____
 GOLD

SPECIFICATIONS:

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

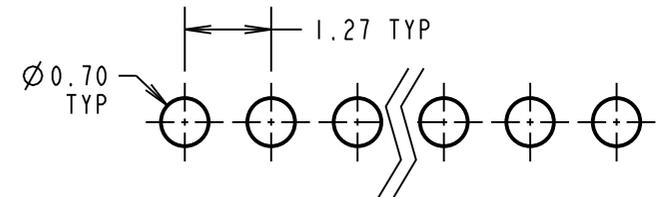
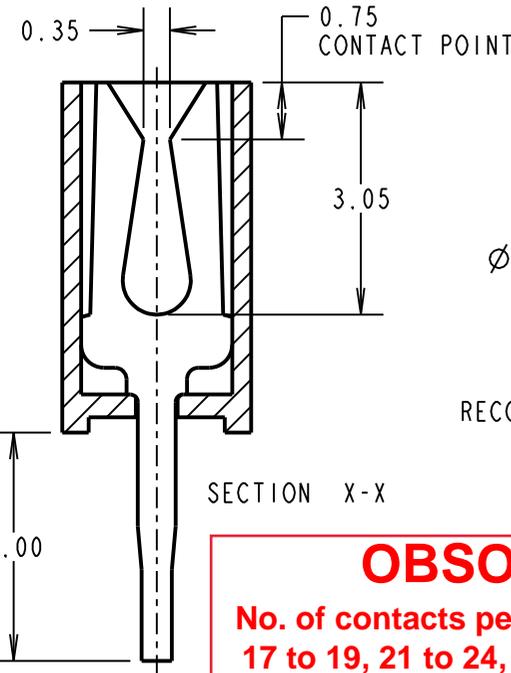
FINISH:
 CONTACT = GOLD OVER NICKEL

ELECTRICAL:
 CURRENT RATING = 1A
 DIELECTRIC WITHSTAND VOLTAGE = 500V AC FOR ONE MINUTE
 CONTACT RESISTANCE = 30mΩ MAX
 INSULATION RESISTANCE = 1000MΩ 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°C

PACKING:
 02-04 CONTACTS = TRAY, 05-50 CONTACTS = TUBE



RECOMMENDED PCB LAYOUT (PCB TOLERANCE ±0.05)

SECTION X-X

OBSOLETE

No. of contacts per row = 02, 11, 13,
 17 to 19, 21 to 24, 26 to 39, 41 to 50
 Last Time Buy = 15th June 2018

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

SB	11	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 = ±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 SIL
 VERTICAL PC TAIL SOCKET ASSY

DRAWING NUMBER:

M52-500XX45

SHT
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