

Customer Information Sheet

DRAWING No.: M52-500XX45

SHEET 2 OF 2

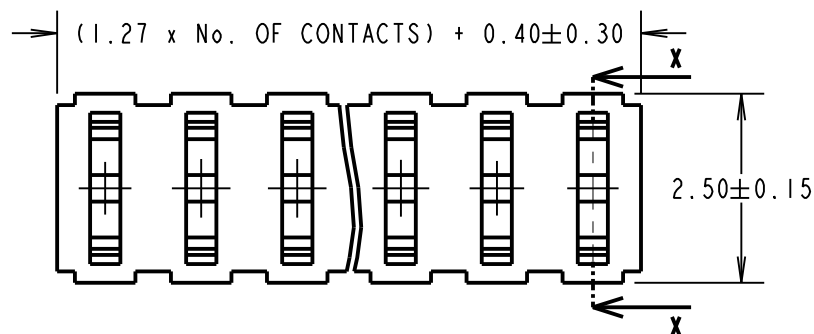
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

M52-500XX45

No. OF CONTACTS PER ROW:
02 TO 50

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 = $30m\Omega$ MAX

INSULATION RESISTANCE = $1000M\Omega$ MIN

MECHANICAL:

INSERTION FORCE = IN MAX PER PIN

WITHDRAWAL FORCE = 0.12N MIN PER PIN

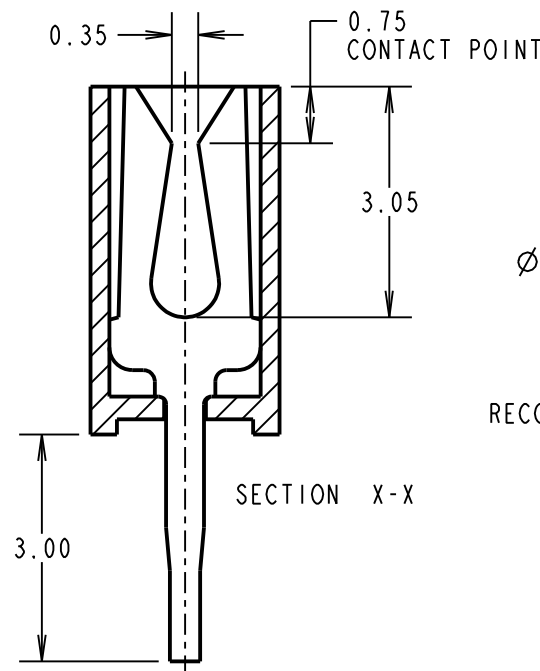
DURABILITY = 300 CYCLES

ENVIRONMENTAL:

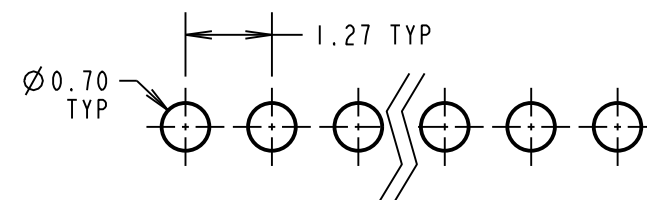
OPERATING TEMPERATURE = -40°C TO $+105^{\circ}\text{C}$

PACKING:

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



SECTION X-X



RECOMMENDED PCB LAYOUT (PCB TOLERANCE ± 0.05)

NOTES:

1. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.

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 SIL
VERTICAL PC TAIL SOCKET ASSY

DRAWING NUMBER:

M52-500XX45

SHT
2 OF 2

SB	11	17.12.13	11905
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J. ENRIGHT	
CUSTOMER REF.:			
ASSEMBLY DRG:			