

# Customer Information Sheet

DRAWING No.: M52-501XX45

SHEET 2 OF 2

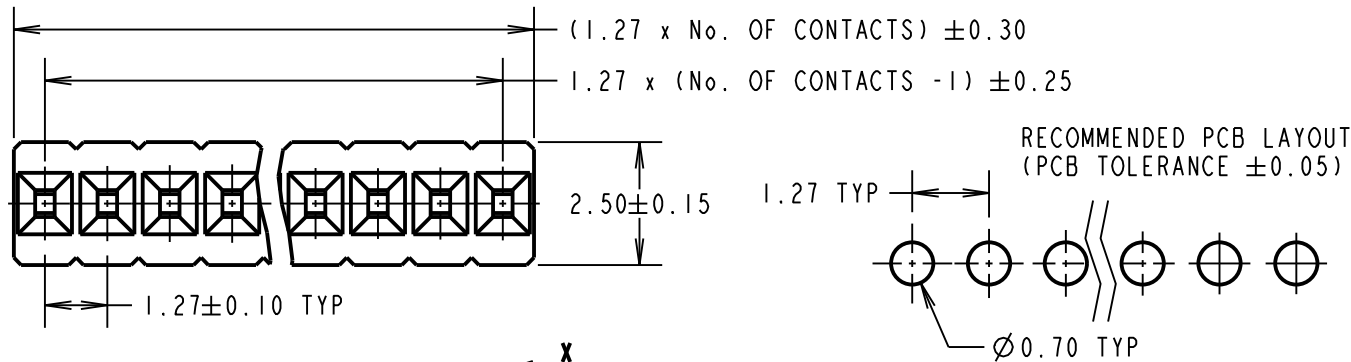
IF IN DOUBT - ASK

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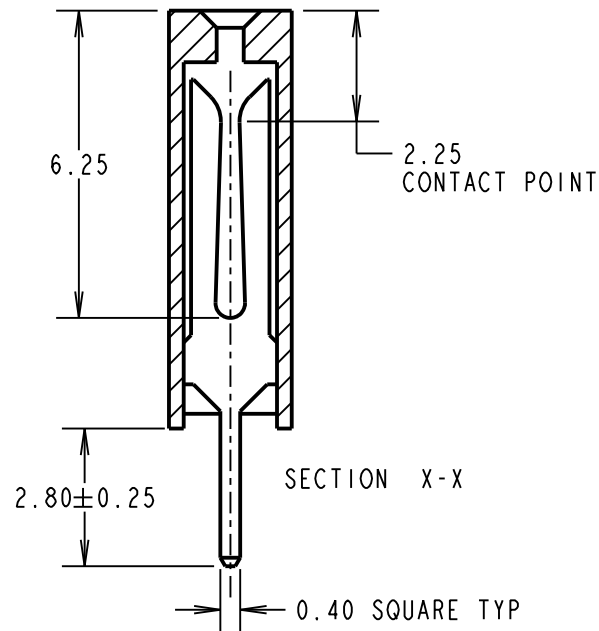
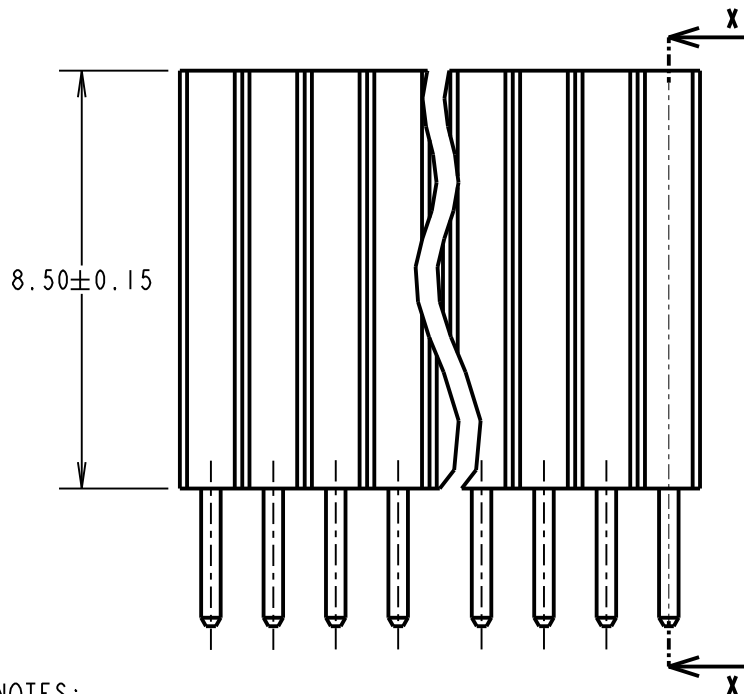
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**  
**MATERIAL:**  
 MOULDING = NYLON 9T UL94V-0, BLACK  
 CONTACT = PHOSPHOR BRONZE  
**FINISH:**  
 CONTACT = GOLD OVER NICKEL  
**ELECTRICAL:**  
 CURRENT RATING = 1A  
 VOLTAGE PROOF = 1000V AC<sub>rms</sub>/DC  
 CONTACT RESISTANCE = 30mΩ MAX  
 INSULATION RESISTANCE = 1,000MΩ MIN  
**MECHANICAL:**  
 DURABILITY = 300 CYCLES MIN  
 INSERTION FORCE = 1.5N MAX PER CONTACT  
 WITHDRAWAL FORCE = 0.10N MIN PER PIN  
**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE = -40°C TO +105°C  
**PACKING:**  
 TUBE



ORDER CODE:

**M52-501XX45**

No. OF WAYS PER ROW  
 02 TO 40

FINISH: GOLD

**NOTES:**

1. ALL TOLERANCES ARE  $\pm 0.12$  UNLESS OTHERWISE STATED.
2. MAXIMUM MATING PIN LENGTH = 6.10mm.

SB	6	25.09.12	11832
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 =  $\pm 1$ mm~~  
~~X.X =  $\pm 0.25$ mm~~  
~~X.XX =  $\pm 0.10$ mm~~  
~~X.XXX =  $\pm 0.05$ mm~~  
 ANGLES =  $\pm 5^\circ$   
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 1.27mm PITCH SIL  
 VERTICAL PC TAIL SOCKET ASSY  
**DRAWING NUMBER:**  
**M52-501XX45**  
 SHT 2 OF 2