

# Customer Information Sheet

DRAWING No.: M52-501XX45

SHEET 2 OF 2

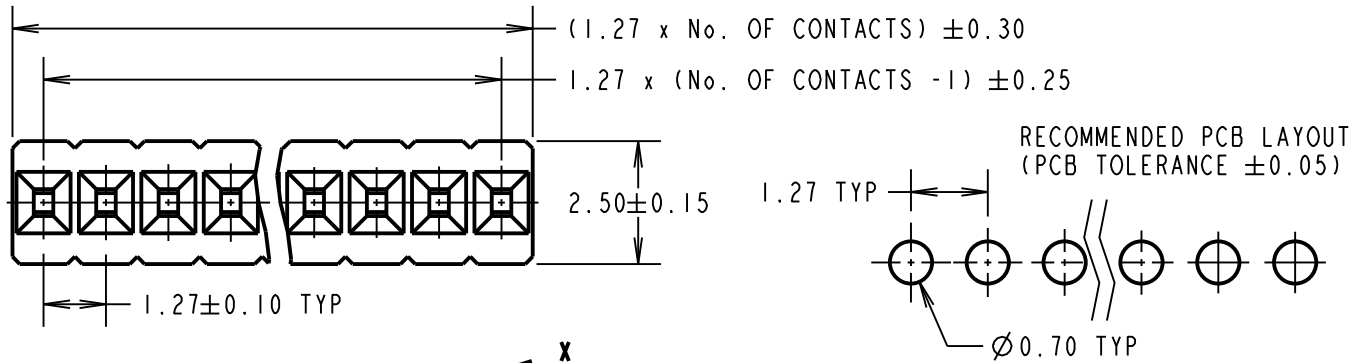
IF IN DOUBT - ASK

©

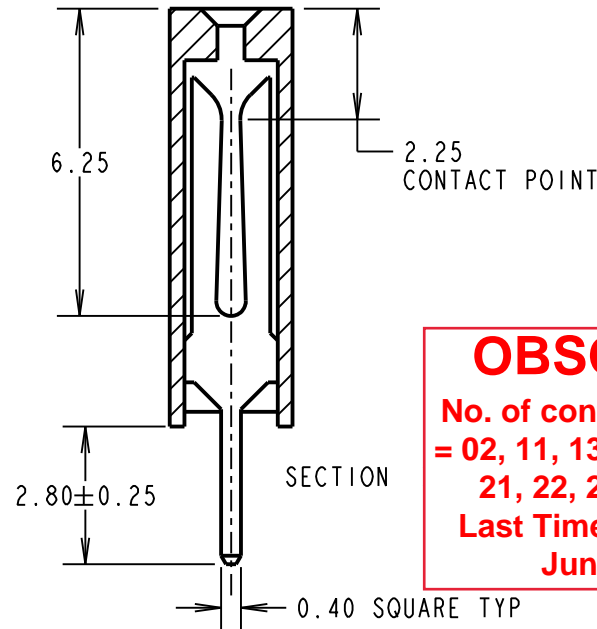
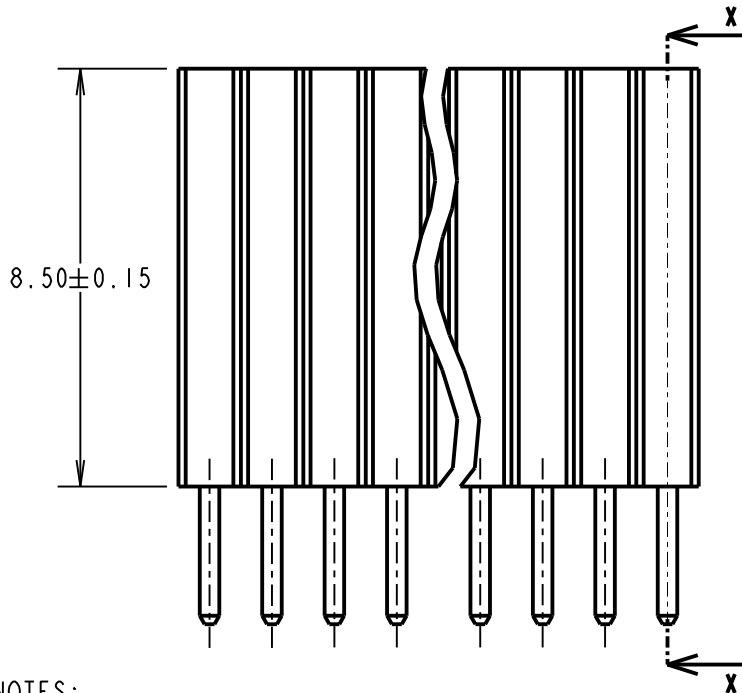
NOT TO SCALE

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 ACrms/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  
**03 to 10, 12, 15, 20, 23, 25**  
 FINISH: GOLD

**OBSOLETE**  
 No. of contacts per row  
 = 02, 11, 13, 14, 16 to 19,  
 21, 22, 24, 26 to 40  
 Last Time Buy = 15th  
 June 2018

SB	6	25.09.12	11832
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: J. ENRIGHT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**NOTES:**  
 1. ALL TOLERANCES ARE ±0.12 UNLESS OTHERWISE STATED.  
 2. MAXIMUM MATING PIN LENGTH = 6.10mm.



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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:** mm<sup>2</sup>

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