

# Customer Information Sheet

DRAWING No.: M50-310XX45P

SHEET 3 OF 3

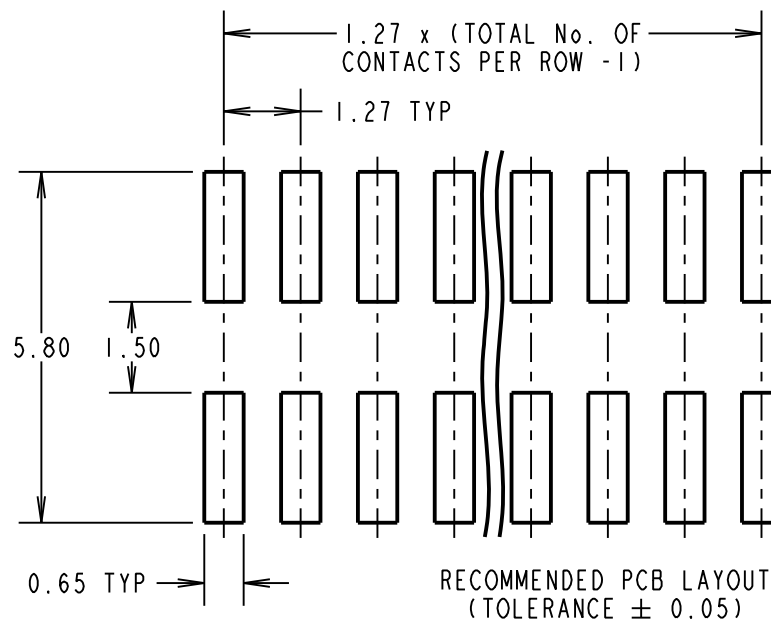
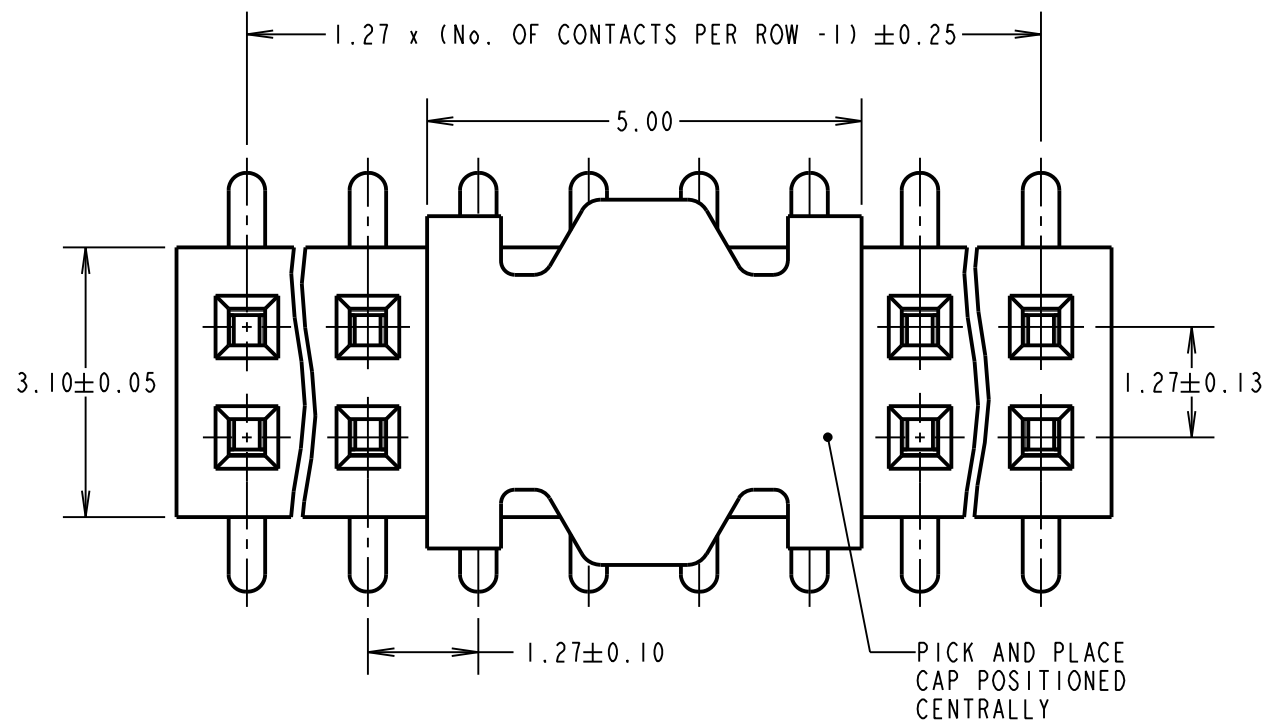
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

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

**FINISH:**

CONTACT = GOLD FLASH OVER NICKEL

**ELECTRICAL:**

VOLTAGE RATING = 250V AC/DC  
 CURRENT RATING = 1A  
 VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE  
 CONTACT RESISTANCE =  $20\text{m}\Omega$  MAX INITIAL,  
 $30\text{m}\Omega$  MAX AFTER CONDITIONING

INSULATION RESISTANCE =  $1000\text{M}\Omega$  MIN

**MECHANICAL:**

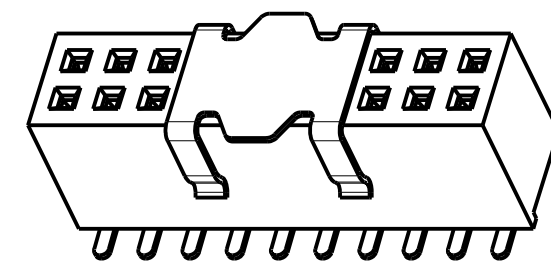
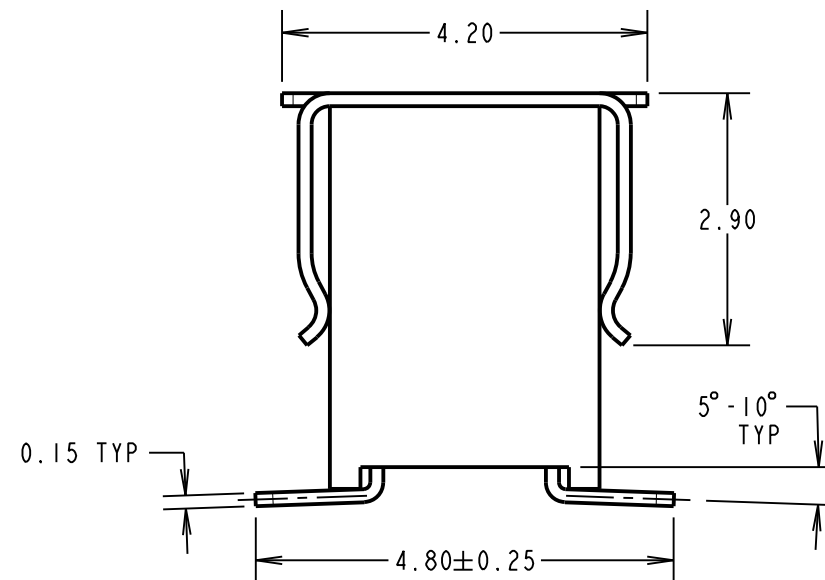
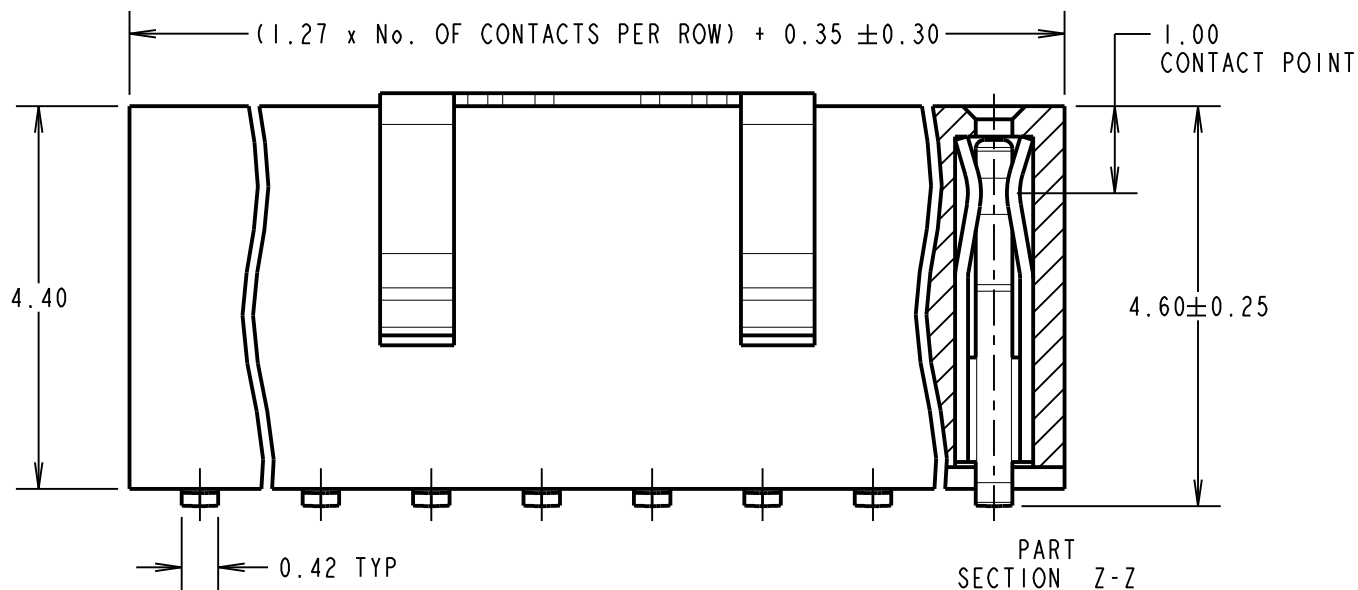
DURABILITY = 100 CYCLES  
 INSERTION FORCE = 2N MAX PER CONTACT  
 WITHDRAWAL FORCE = 0.15N MIN PER CONTACT

**ENVIRONMENTAL:**

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

**PACKING:**

TUBE  
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)



ORDER CODE:

**M50-310XX45P**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
 03 TO 50

FINISH: \_\_\_\_\_  
 GOLD FLASH OVER NICKEL

**NOTES:**

1. ALL TOLERANCES ARE  $\pm 0.12$  UNLESS OTHERWISE STATED.

SB	3	15.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:		S. BENNETT	
CHECKED:		S. FLOWER	
DRAWN:		JM BROOKES	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:**

mm<sup>2</sup>

**TITLE:** 1.27mm PITCH DIL VERTICAL SMT SOCKET ASSY WITH PICK AND PLACE CAP

**DRAWING NUMBER:**

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SHT  
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