

# Customer Information Sheet

DRAWING No.: M50-310XX45

SHEET 3 OF 3

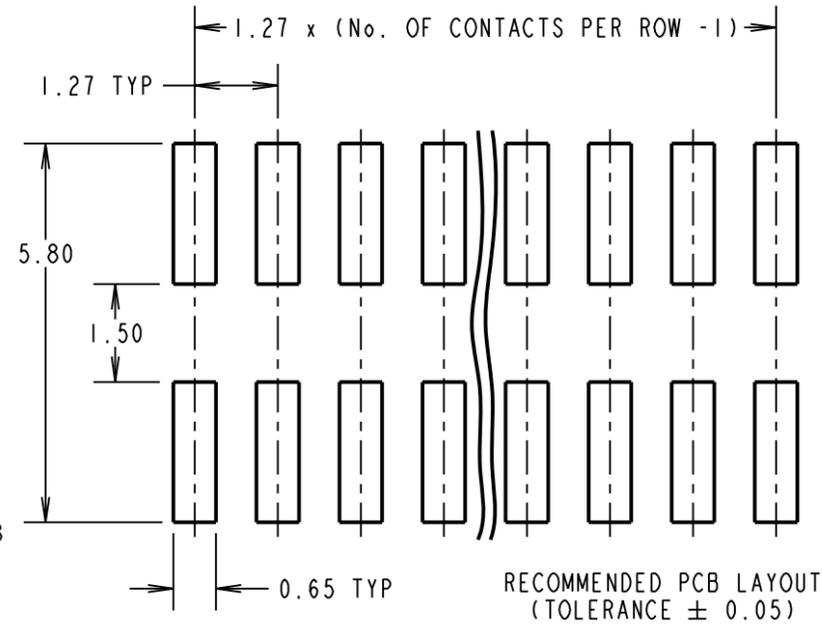
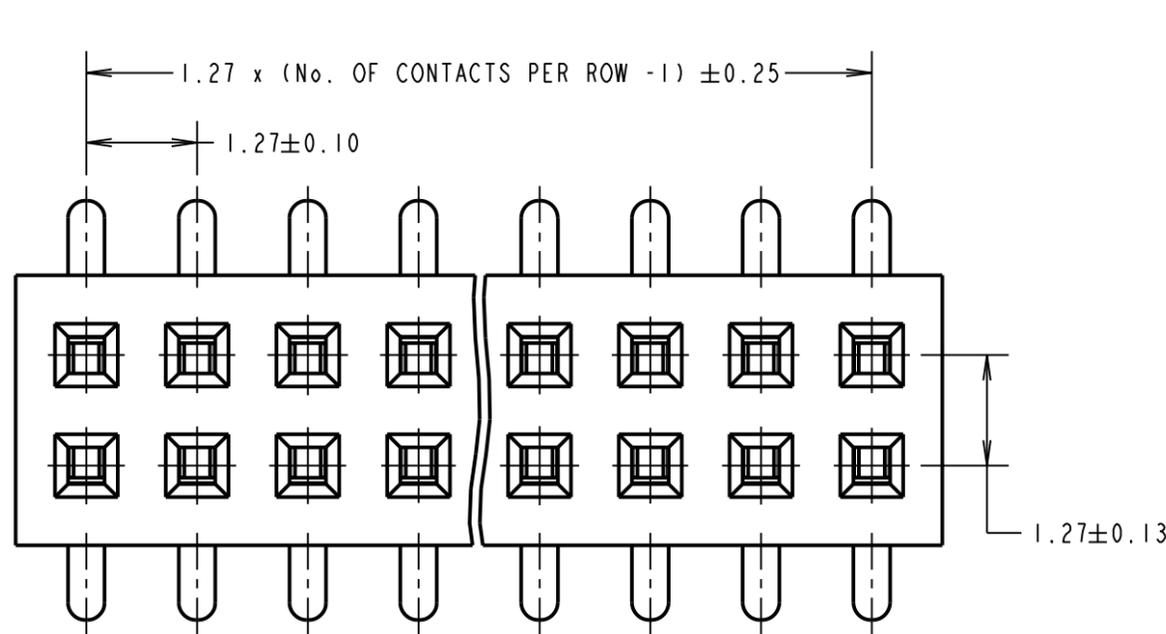
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = LCP, 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 =  $20m\Omega$  MAX INITIAL,  
 $30m\Omega$  MAX AFTER CONDITIONING

**INSULATION RESISTANCE = 1,000M $\Omega$  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

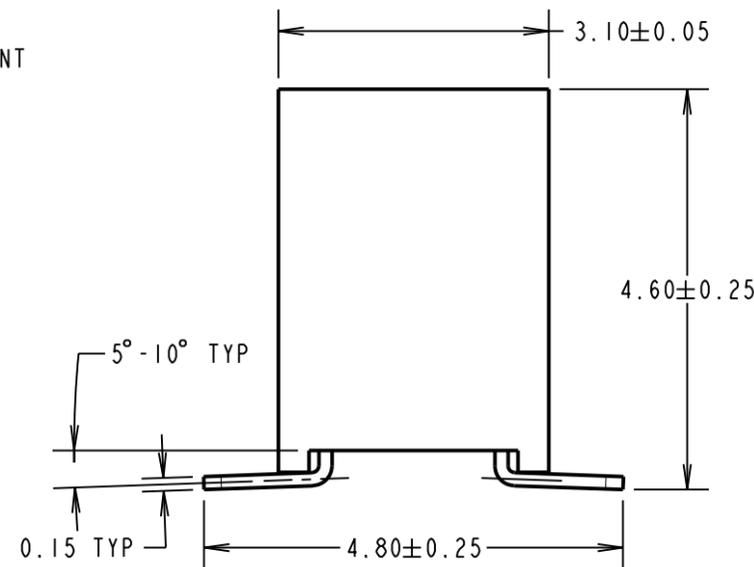
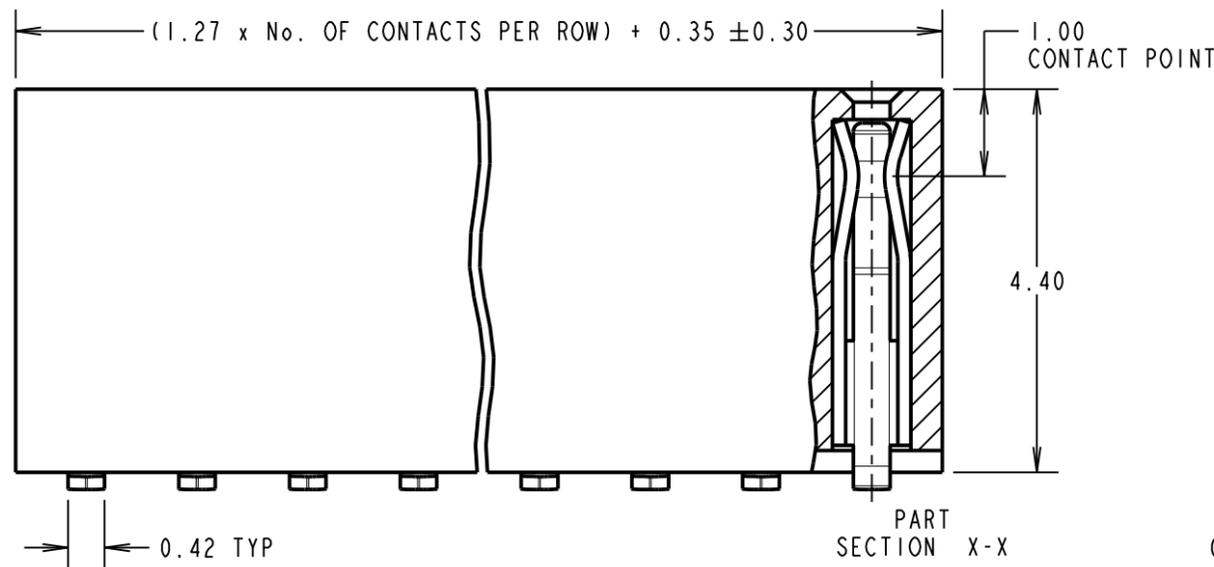
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

**OBSOLETE**  
 No. of contacts per row = 16 to 19, 21 to 24, 26 to 49  
 Last Time Buy = 15th June 2018

ORDER CODE: **M50-310XX45**

No. OF CONTACTS PER ROW: **03 to 15, 20, 25, 50**

FINISH: **GOLD FLASH OVER NICKEL**



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

SB	9	08.01.13	11828
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J.ENRIGHT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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		FINISH: SEE ABOVE	S/AREA: mm <sup>2</sup>	DRAWING NUMBER: <b>M50-310XX45</b>