

# Customer Information Sheet

DRAWING No.: M50-315XX42

SHEET 2 OF 2

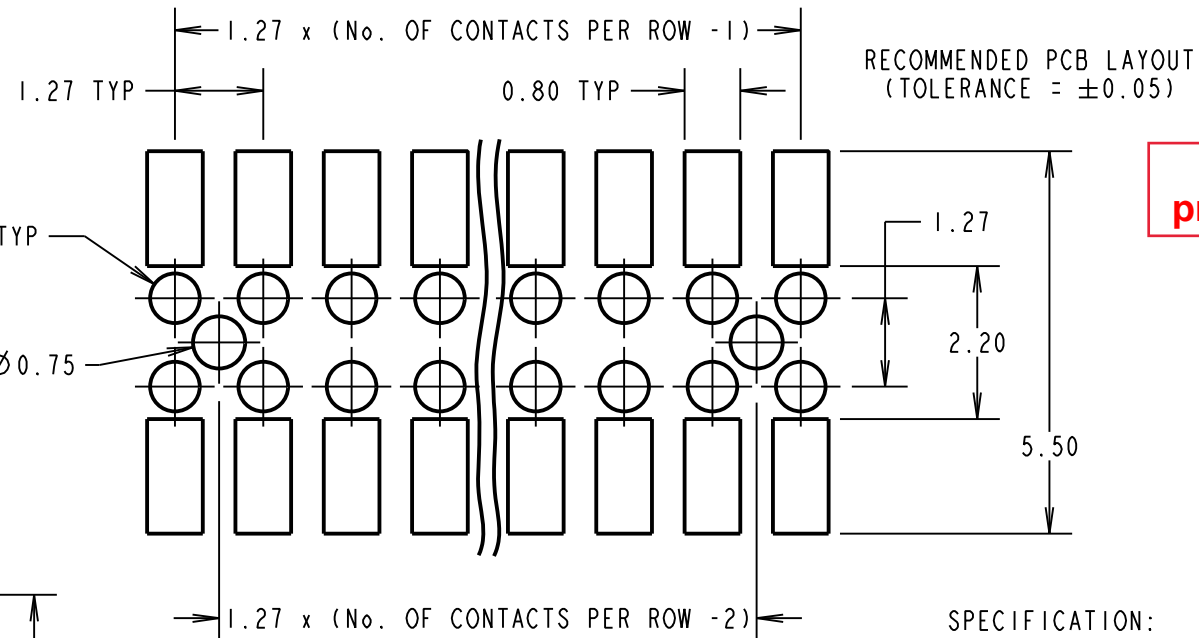
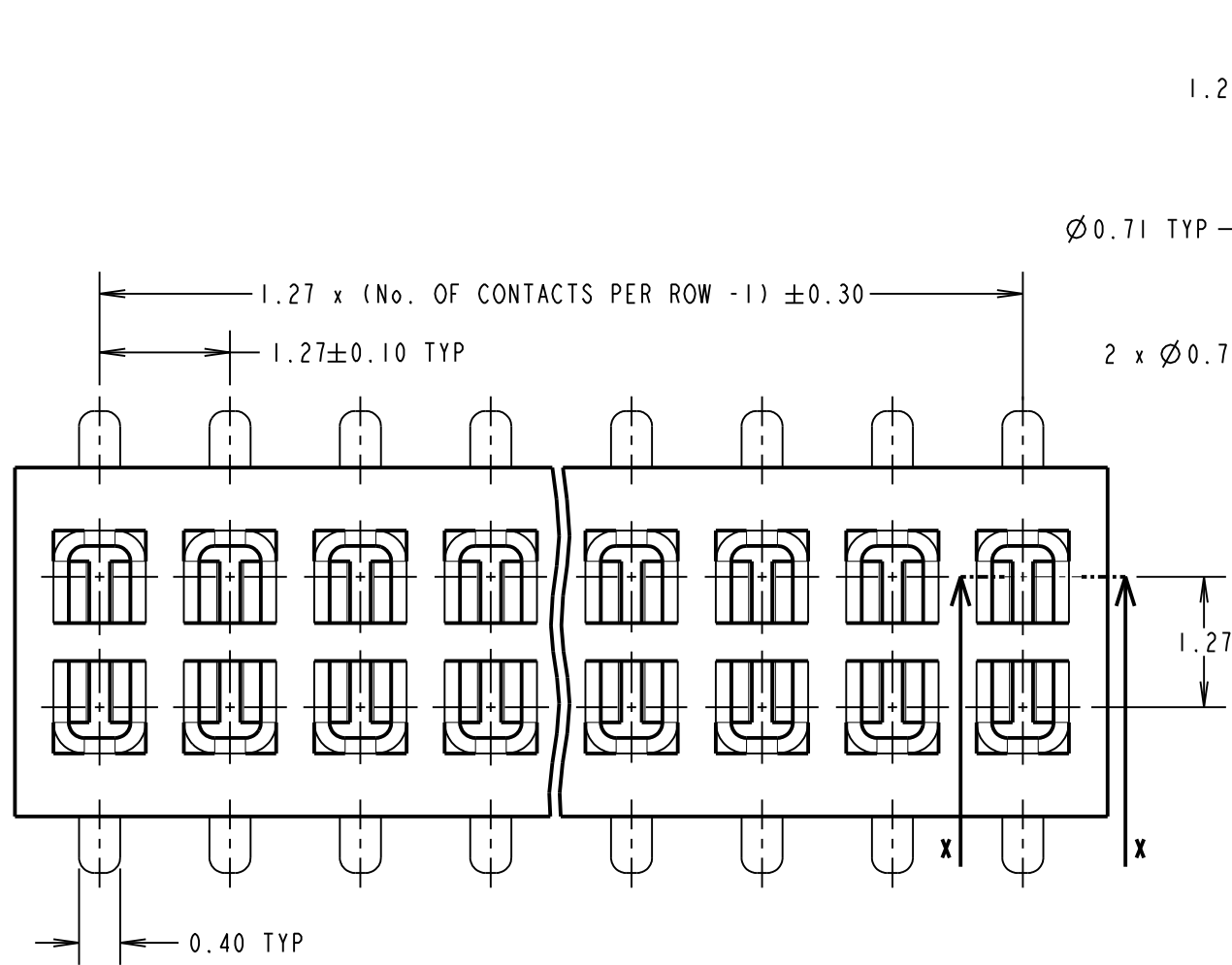
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**Active products:**

- M50-3150342
- M50-3150542
- M50-3150642
- M50-3150842
- M50-3151042
- M50-3151242
- M50-3151542
- M50-3152042
- M50-3152542

**OBSOLETE**  
All other size/finish combinations not listed

ORDER CODE

**M50-315XX42**

No. OF CONTACTS PER ROW: \_\_\_\_\_  
03 TO 40

FINISH: \_\_\_\_\_  
42 = GOLD FLASH + 100% TIN OVER NICKEL

**SPECIFICATION:**

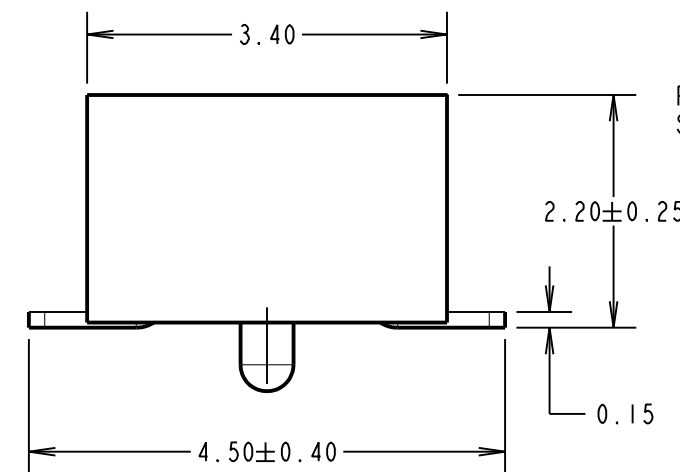
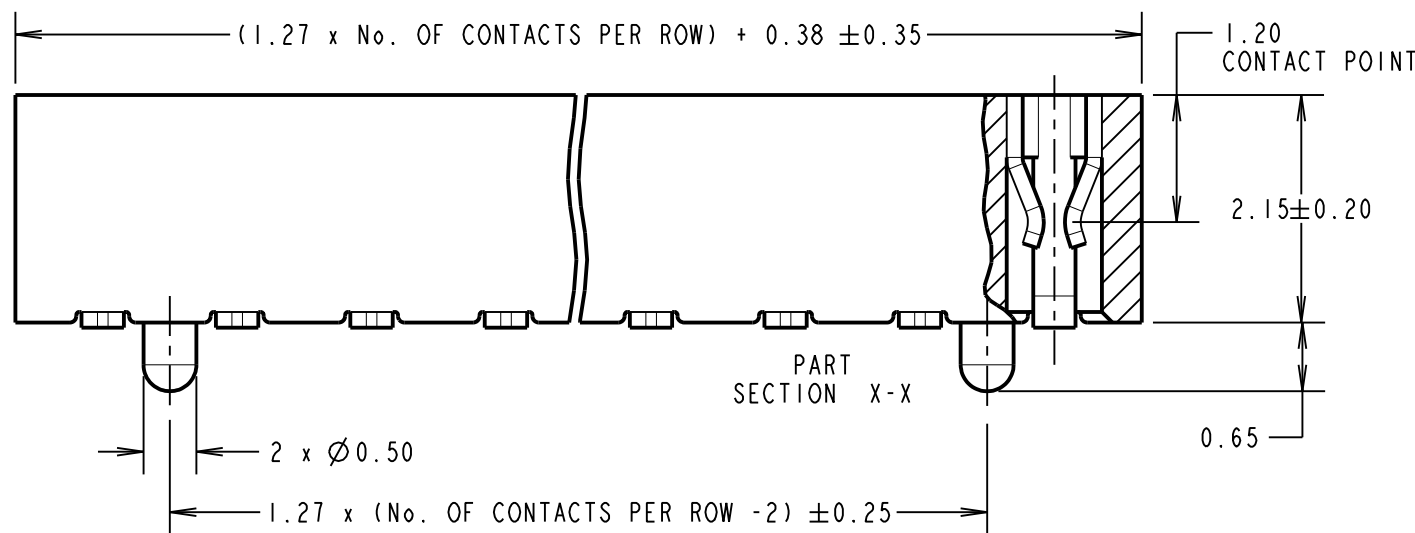
**MATERIAL:**  
MOULDING = NYLON-6T, UL94V-0, BLACK  
**CONTACTS = PHOSPHOR BRONZE**  
**FINISH:**  
CONTACTS = 1.27µ NICKEL ALL OVER,  
GOLD FLASH ON CONTACT AREA,  
2.54µ 100% TIN ON TAILS

**ELECTRICAL:**  
CURRENT RATING = 1A  
CONTACT RESISTANCE = 20mΩ MAX  
INSULATION RESISTANCE = 1000MΩ MIN  
DIELECTRIC WITHSTANDING = 500V AC FOR ONE MINUTE

**MECHANICAL:**  
DURABILITY = 300 CYCLES MIN  
INSERTION FORCE = 1.5N MAX PER CONTACT  
WITHDRAWAL FORCE = 0.2N MIN PER CONTACT

**ENVIRONMENTAL:**  
TEMPERATURE RANGE = -40°C TO +105°C

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



NOTE:  
1. ALL TOLERANCES ARE ±0.15 UNLESS OTHERWISE STATED.

**HARWIN**

www.harwin.com  
technical@harwin.com

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**TOLERANCES**  
X = ±1mm  
X.X = ±0.50mm  
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 DIL SMT VERT.  
LOW-PROFILE SOCKET ASSY

**DRAWING NUMBER:**  
**M50-315XX42**

MSP	16	08.08.16	13112
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		S. BENNETT	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			