

# Customer Information Sheet

DRAWING No.: M50-315XX42

SHEET 2 OF 2

IF IN DOUBT - ASK

©

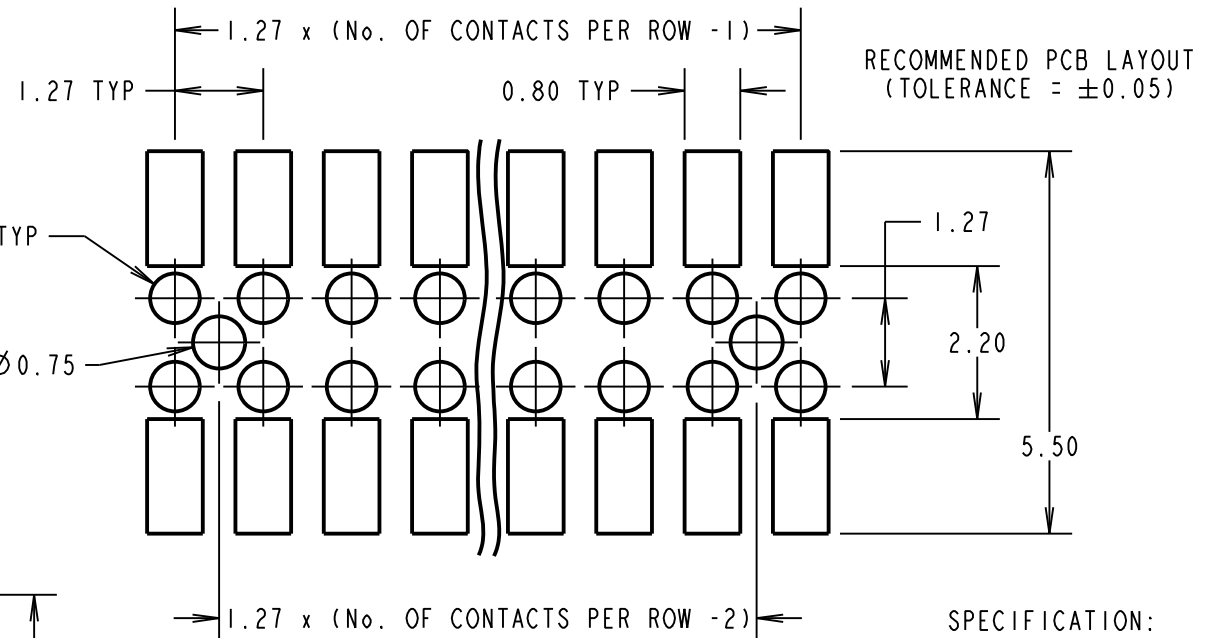
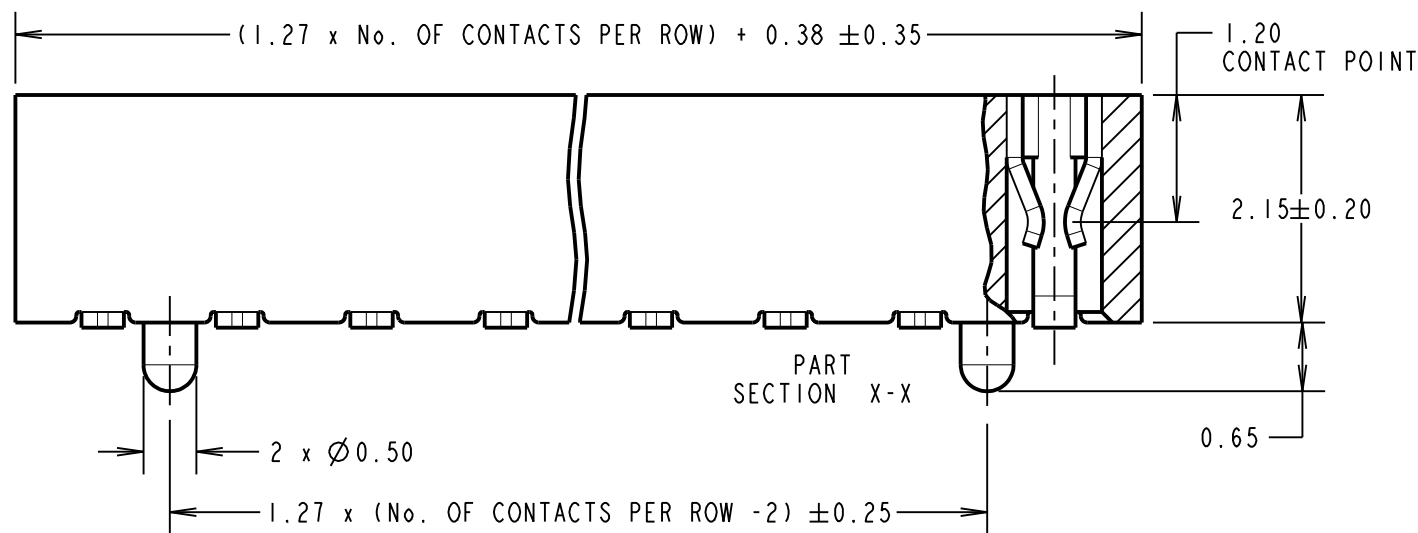
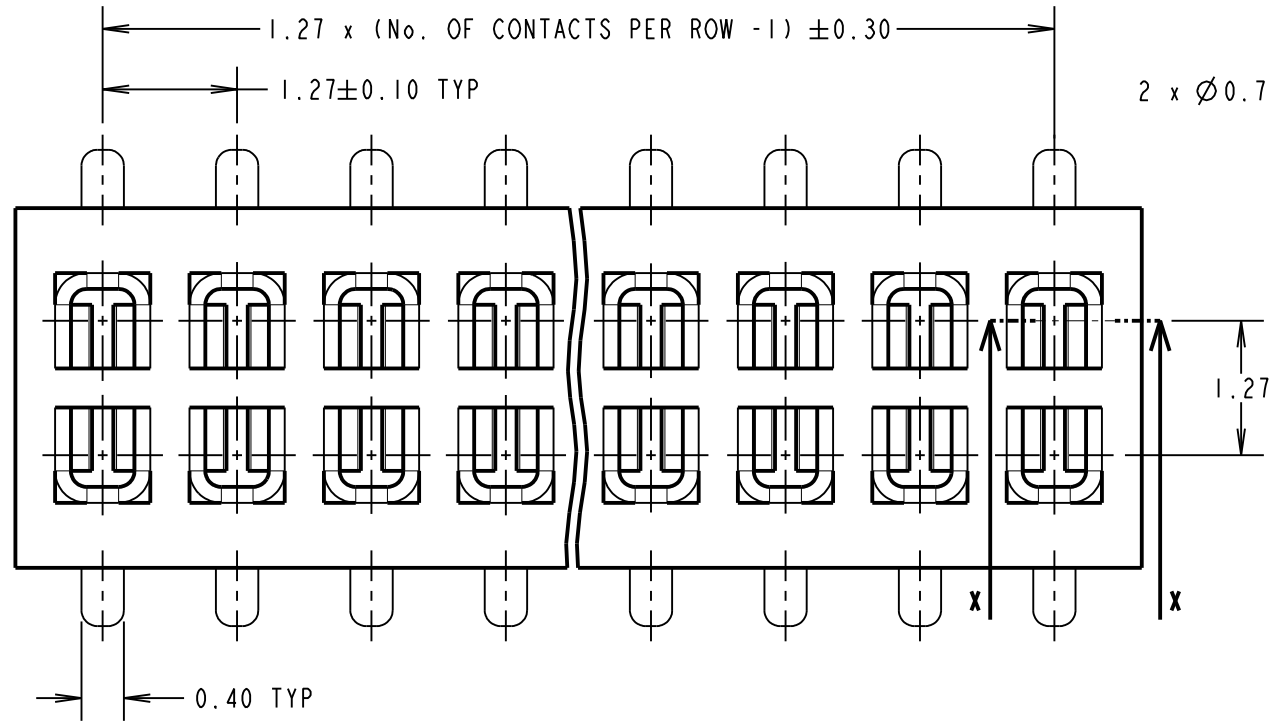
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**OBSOLETE**

No. of contacts per row = 16 to 19, 21, 23, 24, 26 to 29, 31 to 40  
Last Time Buy = 15th June 2018



ORDER CODE

**M50-315XX42**

No. OF CONTACTS PER ROW: **03 to 15, 20, 22, 25, 30**

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)

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:			

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

**HARWIN**

www.harwin.com  
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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**

SHT  
2 OF 2