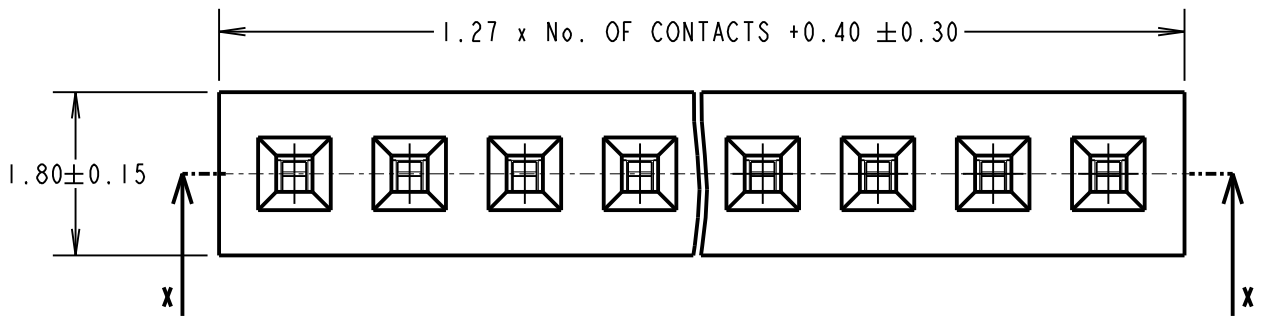
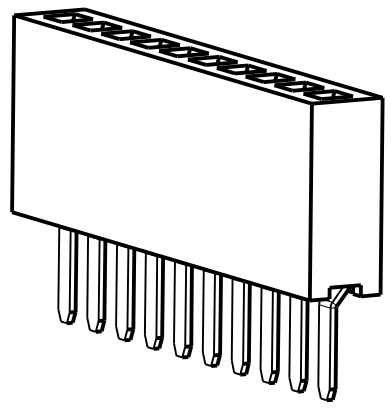
Downloaded from Arrow.com.

Customer Information Sheet

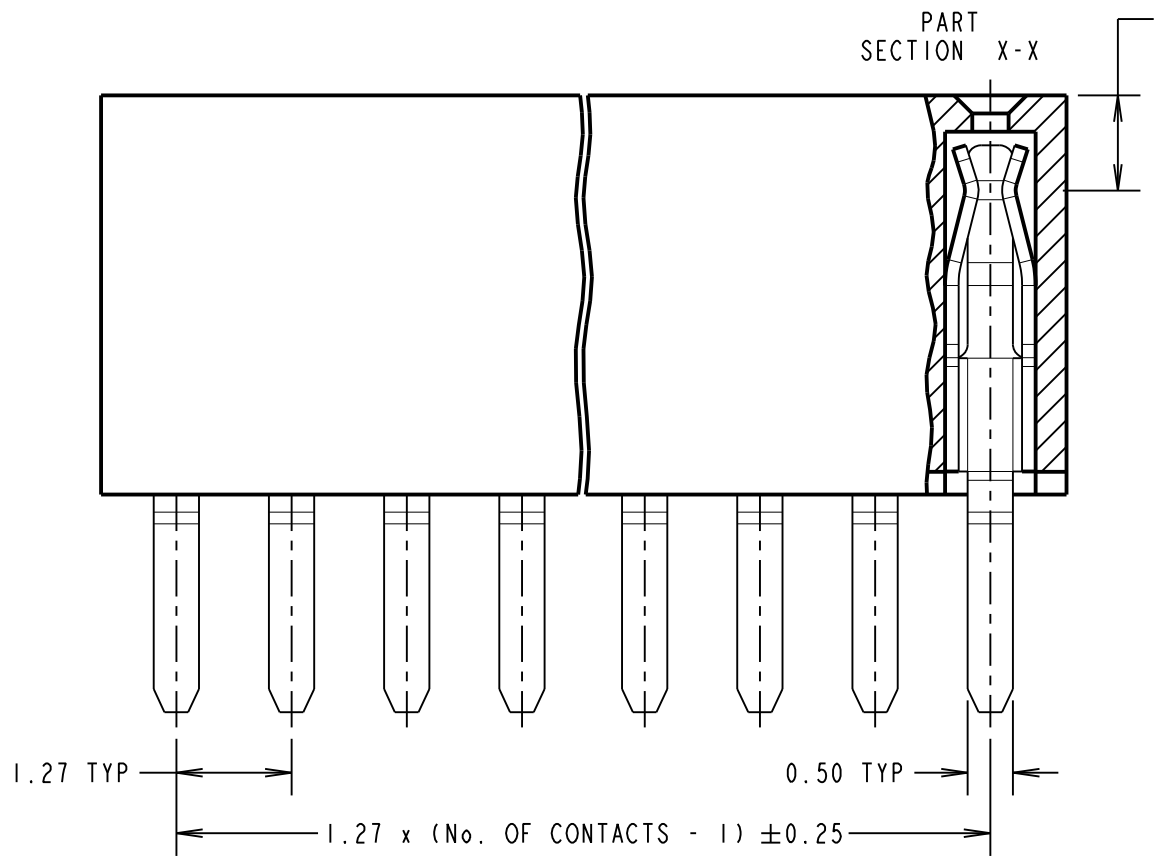
DRAWING No.: M50-303XX42	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

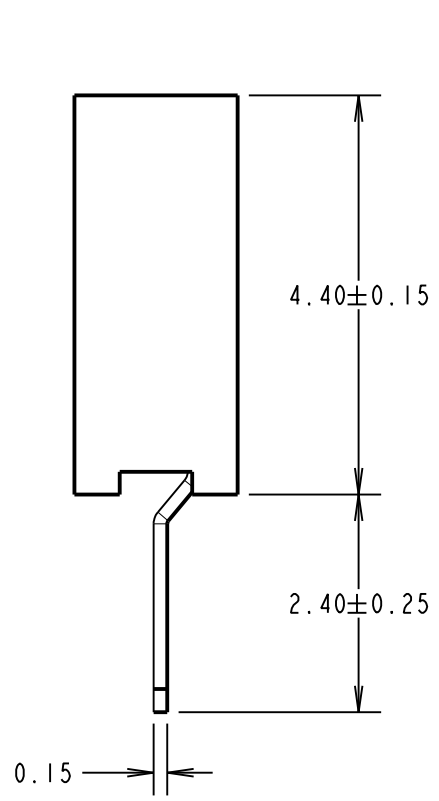




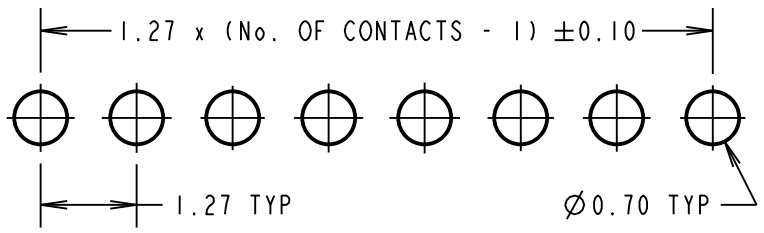
SPECIFICATIONS:
- MATERIAL:
  - MOULDING = NYLON 6T, UL94V-0, BLACK
  - CONTACT = PHOSPHOR BRONZE
  - FINISH = 0.76-1.52µ NICKEL ALL OVER,
    0.012µ MIN GOLD ON CONTACT AREA,
    2.54-5.08µ 100% TIN ON TAILS
- ELECTRICAL:
  - CURRENT RATING = 1A
  - VOLTAGE PROOF = 500V AC FOR ONE MINUTE
  - CONTACT RESISTANCE = 20mΩ MAX
  - INSULATION RESISTANCE = 1000MΩ MIN
- MECHANICAL:
  - DURABILITY = 300 CYCLES MIN
  - CONTACT INSERTION FORCE = 1.17N MAX PER CONTACT
  - CONTACT WITHDRAWAL FORCE = 0.19N MIN PER CONTACT
- ENVIRONMENTAL:
  - OPERATING TEMPERATURE = -40°C TO +105°C
- PACKING:
  - TUBE (02 CONTACT SIZE PACKED IN BOX)

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





RECOMMENDED PCB LAYOUT
(TOLERANCE = ±0.05)



MSP	1	02.08.16	-----
NAME	ISS.	DATE	C/NOTE

APPROVED:	M.PERREN
CHECKED:	S.BENNETT
DRAWN:	M.PERREN
CUSTOMER REF.:	
ASSEMBLY DRG:	

ORDER CODE
M50-303XX42
No. OF CONTACTS:
02 TO 06, 08, 10, 20

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: mm²

TITLE: 1.27mm PITCH SIL VERTICAL SOCKET
DRAWING NUMBER: M50-303XX42
SHT 2 OF 2