

Customer Information Sheet

DRAWING No.: M50-303XX42

SHEET 2 OF 2

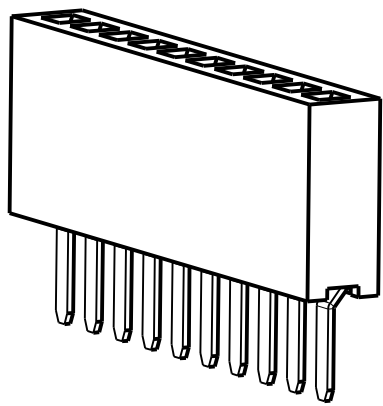
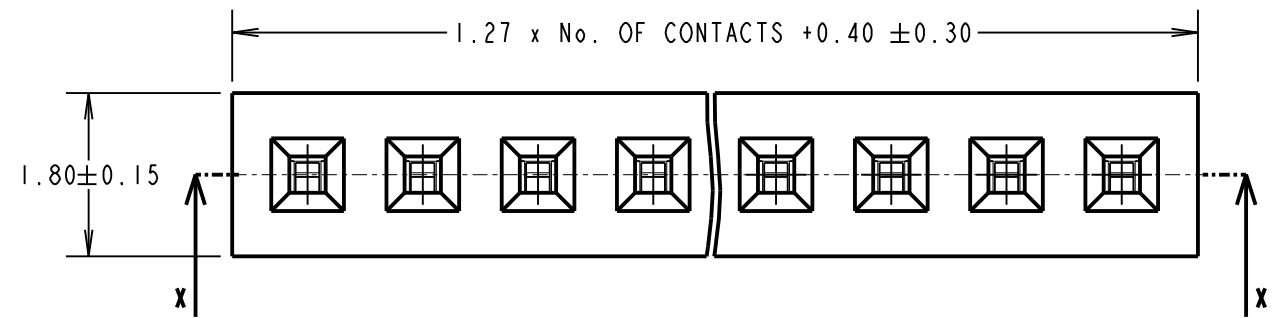
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

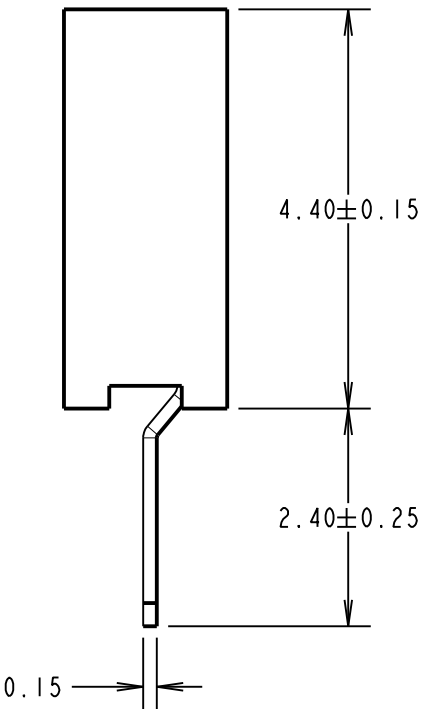
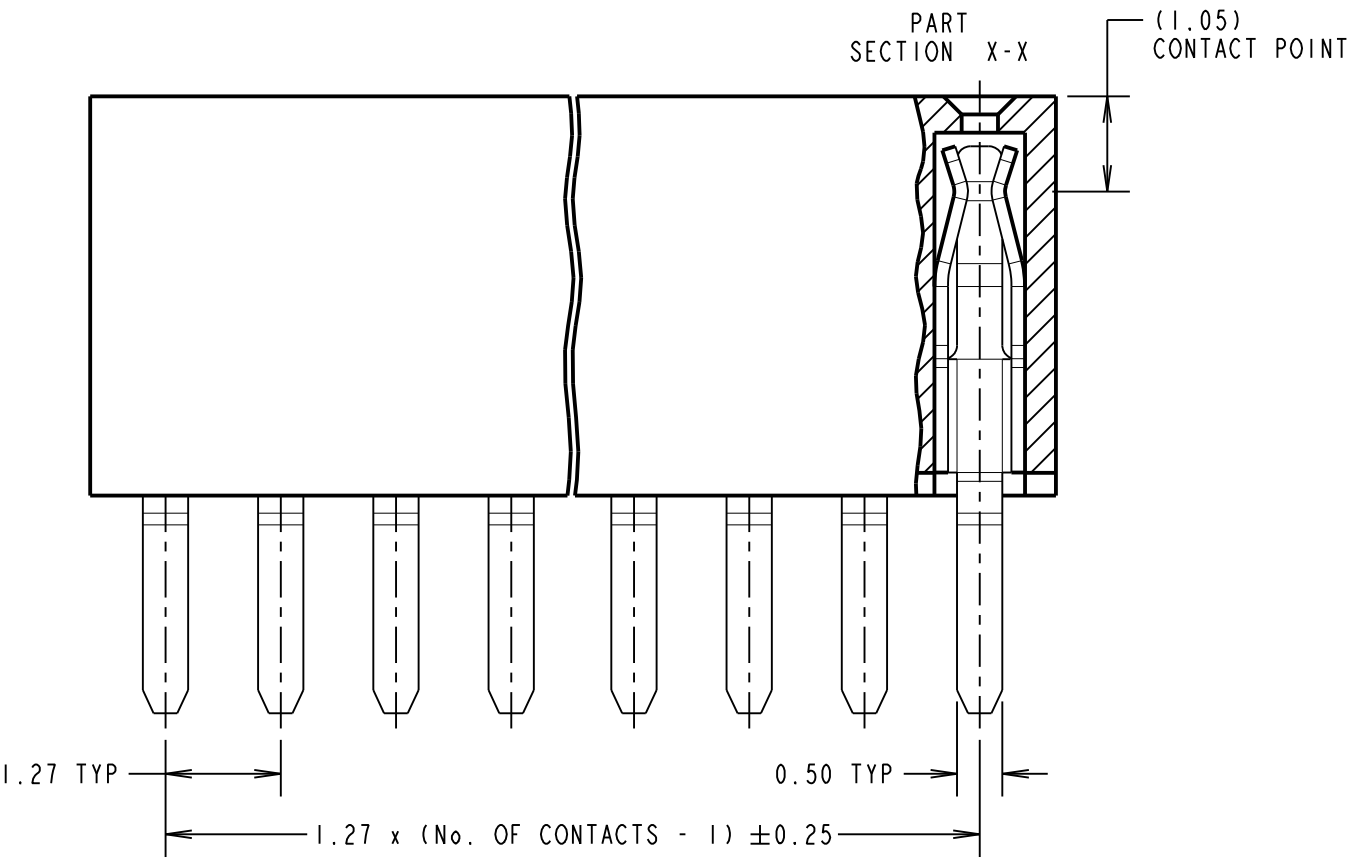
MATERIAL:
MOULDING = NYLON 6T, UL94V-0, BLACK
CONTACT = PHOSPHOR BRONZE
FINISH = 0.76-1.52µ NICKEL ALL OVER,
0.012µ MIN GOLD ON CONTACT AREA,
2.54-5.08µ 100% TIN ON TAILS

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

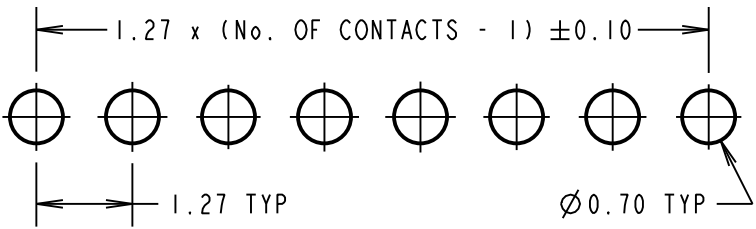
MECHANICAL:
DURABILITY = 300 CYCLES MIN
CONTACT INSERTION FORCE = 1.17N MAX PER CONTACT
CONTACT WITHDRAWAL FORCE = 0.19N MIN PER CONTACT

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)



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

MSP	I	02.08.16	----
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
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OTHER PURPOSE WITHOUT
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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
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