

Customer Information Sheet

DRAWING No.: M50-311XX42

SHEET 2 OF 2

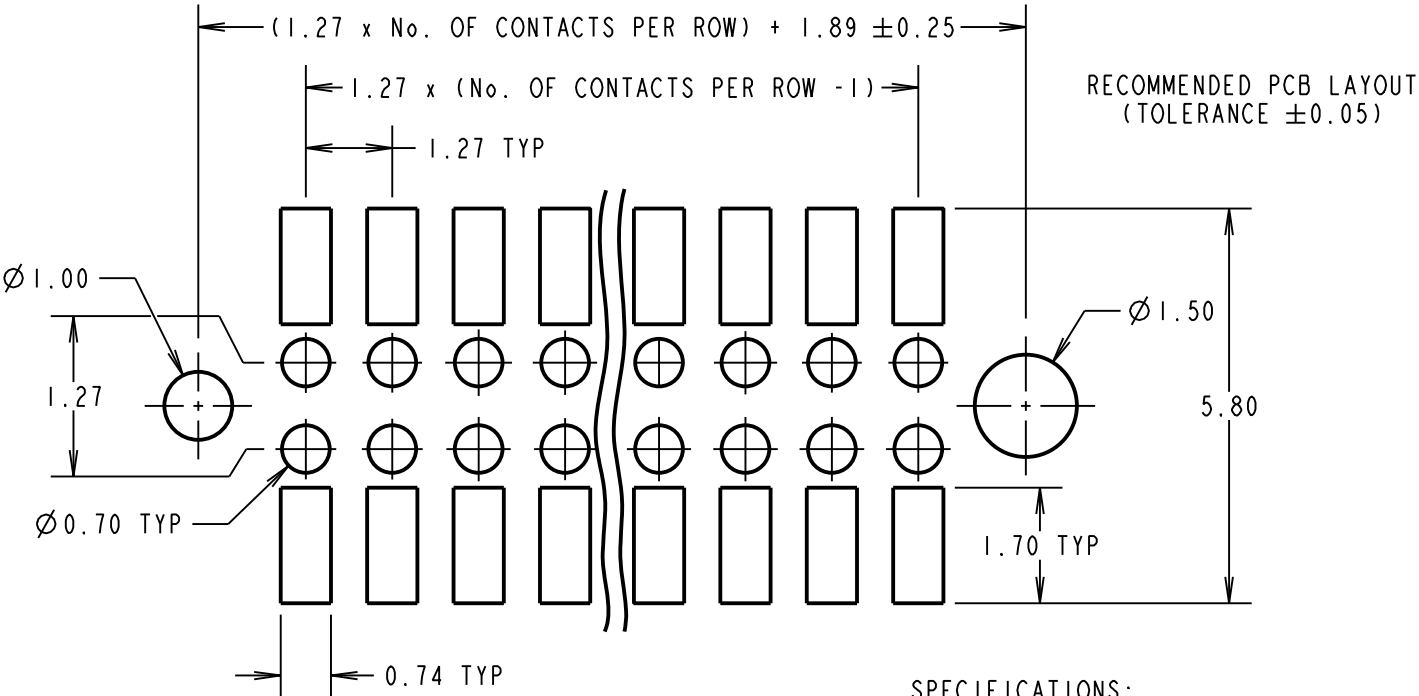
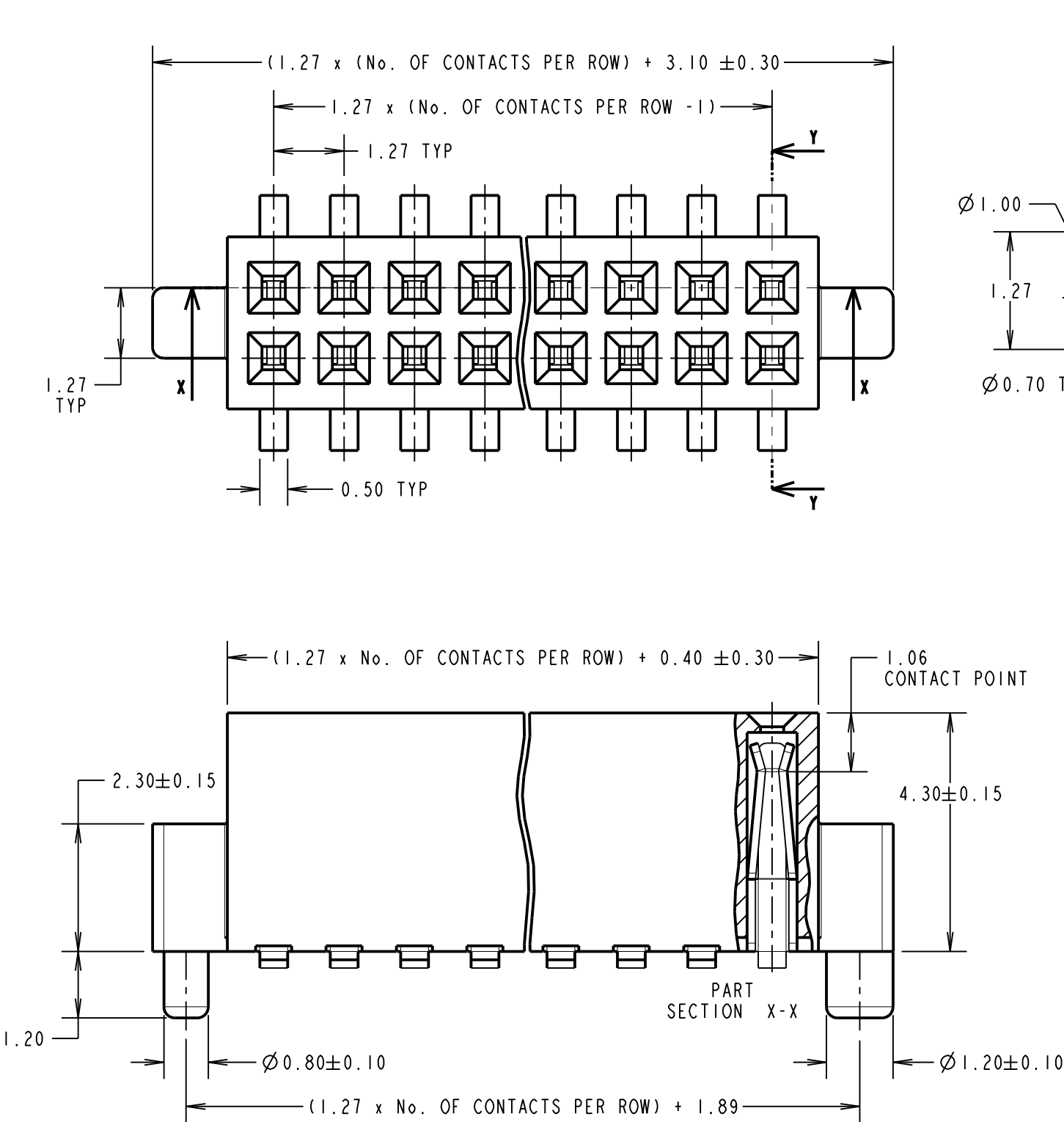
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

- MOULDING = PA9T, UL94V-0, BLACK
- CONTACT = PHOSPHOR BRONZE

FINISH:

- CONTACT = NICKEL ALL OVER, GOLD FLASH ON CONTACT AREA, 100% TIN ON TAILS

ELECTRICAL:

- CURRENT RATING = 1A
- VOLTAGE PROOF = 500V AC FOR ONE MINUTE
- CONTACT RESISTANCE = $20\text{m}\Omega$ MAX INITIAL, $30\text{m}\Omega$ MAX AFTER CONDITIONING
- INSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN
- VOLTAGE PROOF = 500V AC/DC

MECHANICAL:

- DURABILITY = 300 CYCLES MIN
- INSERTION FORCE = 0.98N MAX PER CONTACT
- WITHDRAWAL FORCE = 0.12N MIN PER CONTACT

ENVIRONMENTAL:

- OPERATING TEMPERATURE = -40°C TO $+105^\circ\text{C}$

PACKING:

- TUBE

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

ORDER CODE:

M50-311XX42

No. OF CONTACTS PER ROW: 03 TO 50

FINISH: GOLD FLASH ON CONTACTS, 100 %TIN ON TAIL

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TOLERANCES
X = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: 1.27mm PITCH DIL VERTICAL SMT SOCKET ASSY WITH POSTS

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SHT 2 OF 2

NOTES:

1. ALL TOLERANCES ARE ± 0.25 UNLESS OTHERWISE STATED.

SB	9	31.05.16	13323
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	M.PERREN		
DRAWN:	S.BENNETT		
CUSTOMER REF.:			
ASSEMBLY DRG:			