

Customer Information Sheet

DRAWING No.: M50-310XX45

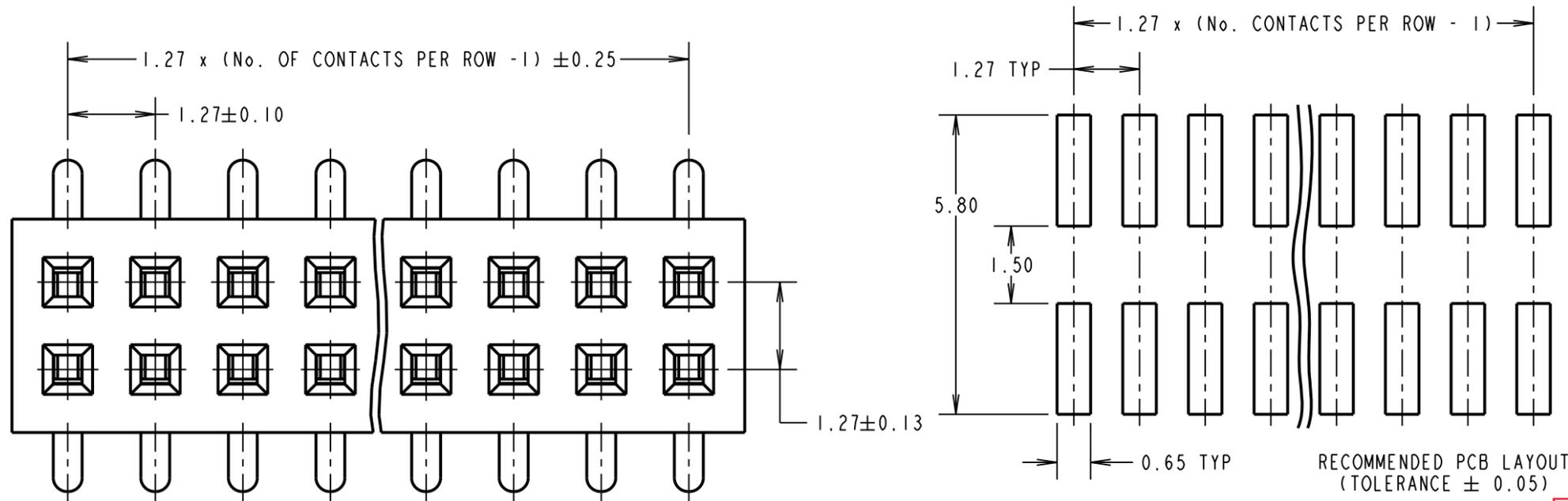
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
 MOULDING = LCP, UL94V-0, BLACK
 CONTACT = PHOSPHOR BRONZE
FINISH:
 CONTACT = GOLD FLASH OVER NICKEL
ELECTRICAL:
 VOLTAGE RATING = 250V AC/DC
 CURRENT RATING = 1A
 VOLTAGE PROOF = 300V AC, 500V DC FOR ONE MINUTE
 CONTACT RESISTANCE = 20mΩ MAX INITIAL,
 30mΩ MAX AFTER CONDITIONING
 INSULATION RESISTANCE = 1,000MΩ MIN
MECHANICAL:
 DURABILITY = 100 CYCLES
 INSERTION FORCE = 2N MAX PER CONTACT
 WITHDRAWAL FORCE = 0.15N MIN PER CONTACT
ENVIRONMENTAL:
 OPERATING TEMPERATURE = -40°C TO +105°C
PACKING:
 TUBE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

Active products:

- M50-3100345
- M50-3100445
- M50-3100545
- M50-3100645
- M50-3100745
- M50-3100845
- M50-3100945
- M50-3101045
- M50-3101245
- M50-3101445
- M50-3102045
- M50-3102545
- M50-3105045

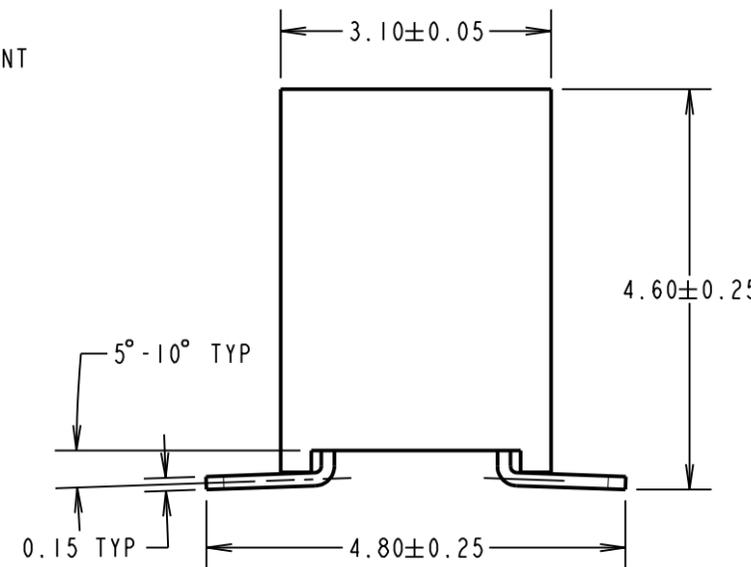
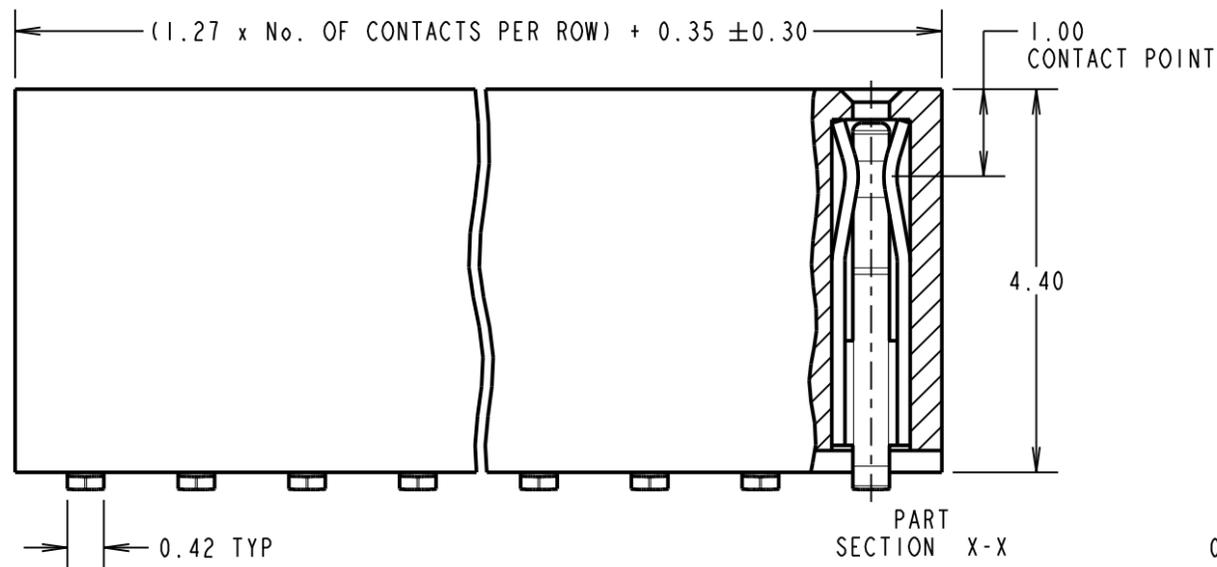
ORDER CODE: **M50-310XX45**

No. OF CONTACTS PER ROW:

FINISH:

NOTES:
 1. ALL TOLERANCES ARE ±0.12 UNLESS OTHERWISE STATED.

OBSOLETE
 All other size/finish combinations not listed above



| | | | |
|------------------|------|----------|-------|
| MGP | 10 | 28.09.21 | 31008 |
| NAME | ISS. | DATE | CN/CO |
| APPROVED: MGP | | | |
| CHECKED: RA | | | |
| DRAWN: J.ENRIGHT | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

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TOLERANCES
 X = ±1mm
 X.X = ±0.50mm
 X.XX = ±0.20mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 1.27mm PITCH DIL VERTICAL SMT SOCKET ASSY
DRAWING NUMBER: M50-310XX45
 SHT 2 OF 2