

Customer Information Sheet

DRAWING No.: M20-976XXX

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

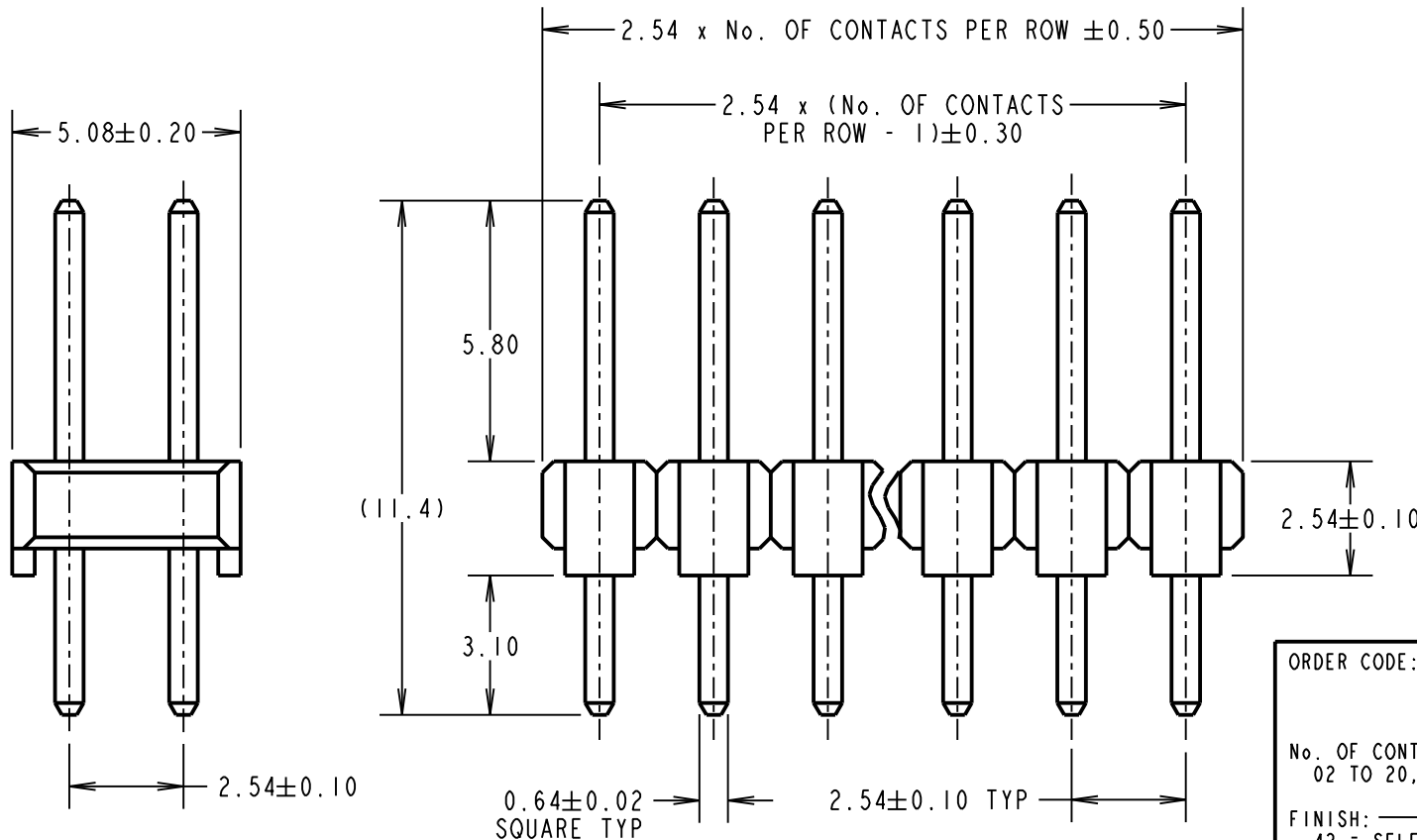
ALL DIMENSIONS IN mm

NOTES:

1. RECOMMENDED PCB MOUNTING HOLE SIZE = $\varnothing 1.02 \pm 0.05$ mm.
2. ALL TOLERANCES ARE ± 0.25 mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

SPECIFICATION:

MATERIAL:
 MOULDING = PA6T UL94V-0, BLACK
 PINS = BRASS
FINISH:
 PINS (OVER NICKEL):
 42 = GOLD ON CONTACT AREA,
 100% TIN ON TAILS
 46 = 100% TIN
ELECTRICAL:
 CURRENT RATING = 3A MAX
 CONTACT RESISTANCE = $20\text{m}\Omega$ MAX
 INSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN
 DIELECTRIC STRENGTH = 500V AC
MECHANICAL:
 DURABILITY = 300 OPERATIONS (GOLD),
 50 OPERATIONS (TIN)
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$
PACKING:
 BAG



ORDER CODE:
M20-976XXX
 No. OF CONTACTS PER ROW: 02 TO 20, 25, 36, 40
 FINISH:
 42 = SELECTIVE GOLD + 100% TIN
 46 = 100% TIN

| | | | |
|---------------------|------|----------|--------|
| MGP | 14 | 03.12.18 | 21677 |
| NAME | ISS. | DATE | C/NOTE |
| APPROVED: MGP | | | |
| CHECKED: SB | | | |
| DRAWN: P. ALEXANDER | | | |
| CUSTOMER REF.: | | | |
| ASSEMBLY DRG: | | | |

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

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

TITLE:
 2.54mm PITCH DIL
 VERTICAL PC TAIL PIN HEADER
DRAWING NUMBER:
M20-976XXX
 SHT 2 OF 2

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