

Customer Information Sheet

DRAWING No.: M20-974XXXX

IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

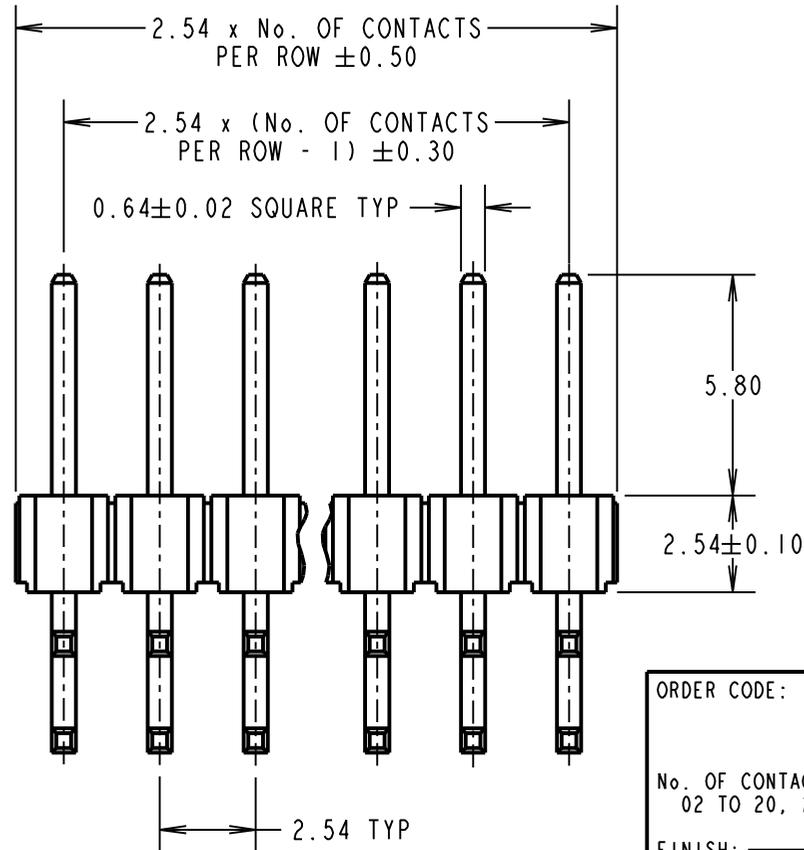
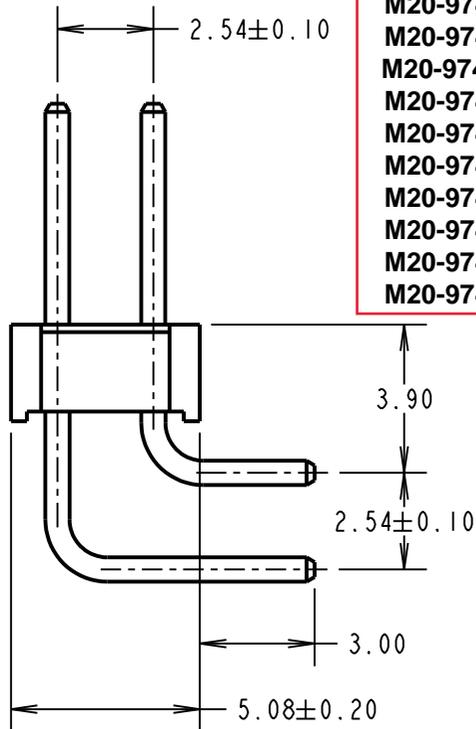
1. RECOMMENDED PCB MOUNTING HOLE SIZE = $\varnothing 1.02 \pm 0.05$ mm.
2. ALL TOLERANCES ARE ± 0.25 mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

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 = $20m\Omega$ MAX
 INSULATION RESISTANCE = $1,000M\Omega$ MIN
 DIELECTRIC STRENGTH = 500V AC
MECHANICAL:
 DURABILITY = 300 OPERATIONS (GOLD),
 50 OPERATIONS (TIN)
ENVIRONMENTAL:
 TEMPERATURE RANGE = $-40^{\circ}C$ TO $+105^{\circ}C$
PACKING:
 BAG

Active products:

- M20-9740346
- M20-97404XX
- M20-97405XX
- M20-97406XX
- M20-9740746
- M20-9740846
- M20-97410XX
- M20-9741146
- M20-9741242
- M20-9741342
- M20-9741642
- M20-9741746
- M20-9742046
- M20-9743646



OBSOLETE

All other size/finish combinations not listed above
 Last Time Buy = 14th June 2019

ORDER CODE:
M20-974XXXX
 No. OF CONTACTS PER ROW:
 02 TO 20, 25, 36, 40
 FINISH:
 42 = SELECTIVE GOLD + 100% TIN
 46 = 100% TIN

MGP	14	13.12.18	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 HORIZONTAL PC TAIL PIN HEADER ASSEMBLY
DRAWING NUMBER: M20-974XXXX
 SHT 2 OF 2