

Customer Information Sheet

DRAWING No.: M20-972XXXX

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).

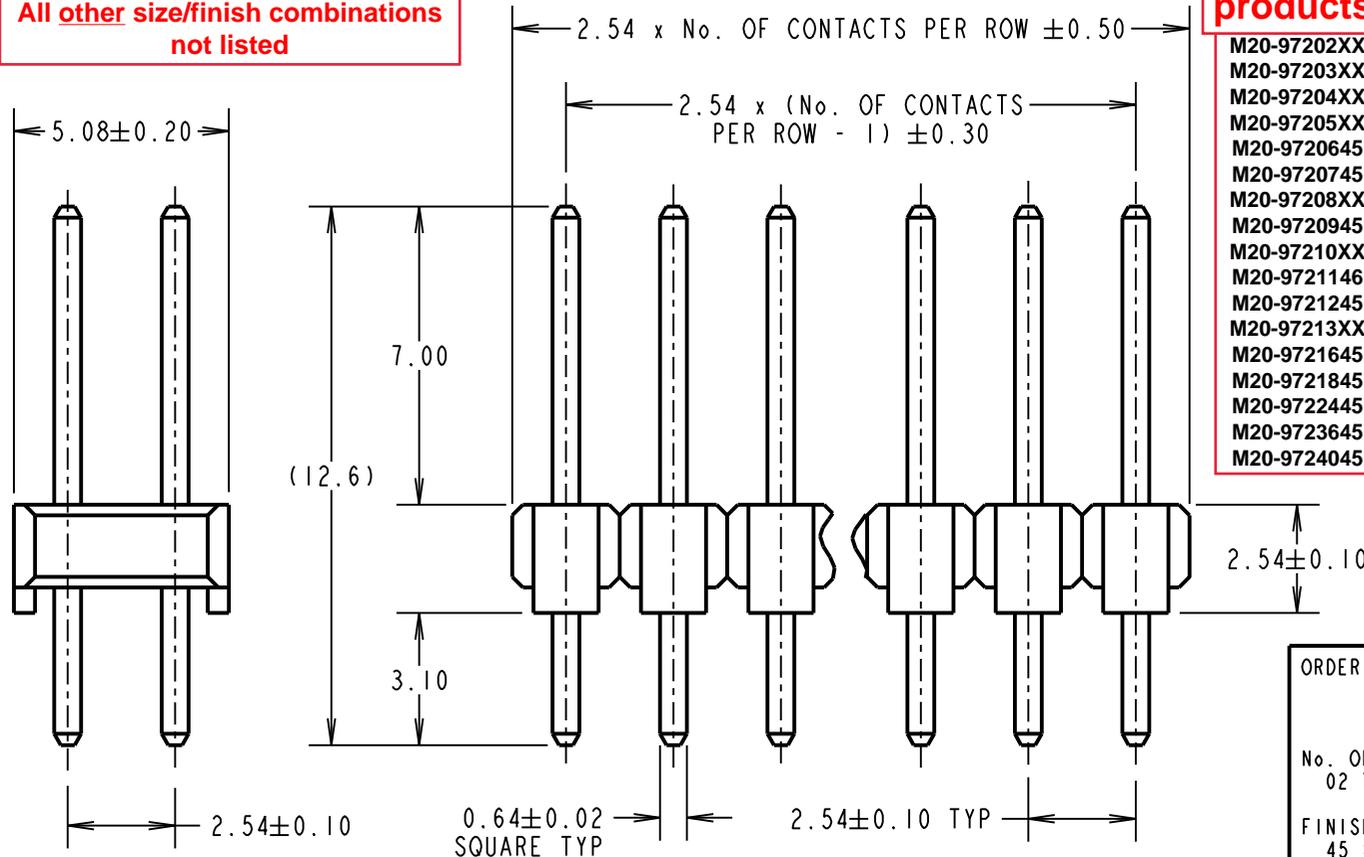
SPECIFICATION:

MATERIAL:
 MOULDING = PA6T UL94V-0, BLACK
 PINS = BRASS
FINISH:
 PINS (OVER NICKEL):
 45 = GOLD
 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

OBSOLETE
 All other size/finish combinations
 not listed

**Active
 products:**

- M20-97202XX
- M20-97203XX
- M20-97204XX
- M20-97205XX
- M20-9720645
- M20-9720745
- M20-97208XX
- M20-9720945
- M20-97210XX
- M20-9721146
- M20-9721245
- M20-97213XX
- M20-9721645
- M20-9721845
- M20-9722445
- M20-9723645
- M20-9724045



ORDER CODE:
M20-972XXXX
 No. OF CONTACTS PER ROW: 02 TO 20, 24, 25, 36, 40
FINISH:
 45 = GOLD
 46 = 100% TIN

MGP	14	12.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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:
M20-972XXXX
 SHT 2 OF 2