

# Customer Information Sheet

DRAWING No.: M20-998XXX

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  $\pm 0.25$ mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

**Active products:**

- M20-99802XX
- M20-99803XX
- M20-99804XX
- M20-99805XX
- M20-99806XX
- M20-99807XX
- M20-99808XX
- M20-99809XX
- M20-99810XX
- M20-99812XX
- M20-99813XX
- M20-99815XX
- M20-9981645
- M20-9981746
- M20-9981845
- M20-9981946
- M20-99820XX
- M20-99823XX
- M20-9982545
- M20-9983245
- M20-99836XX

**SPECIFICATION:**

**MATERIAL:**  
 MOULDING = PA6T UL94V-0, BLACK  
 PINS = BRASS

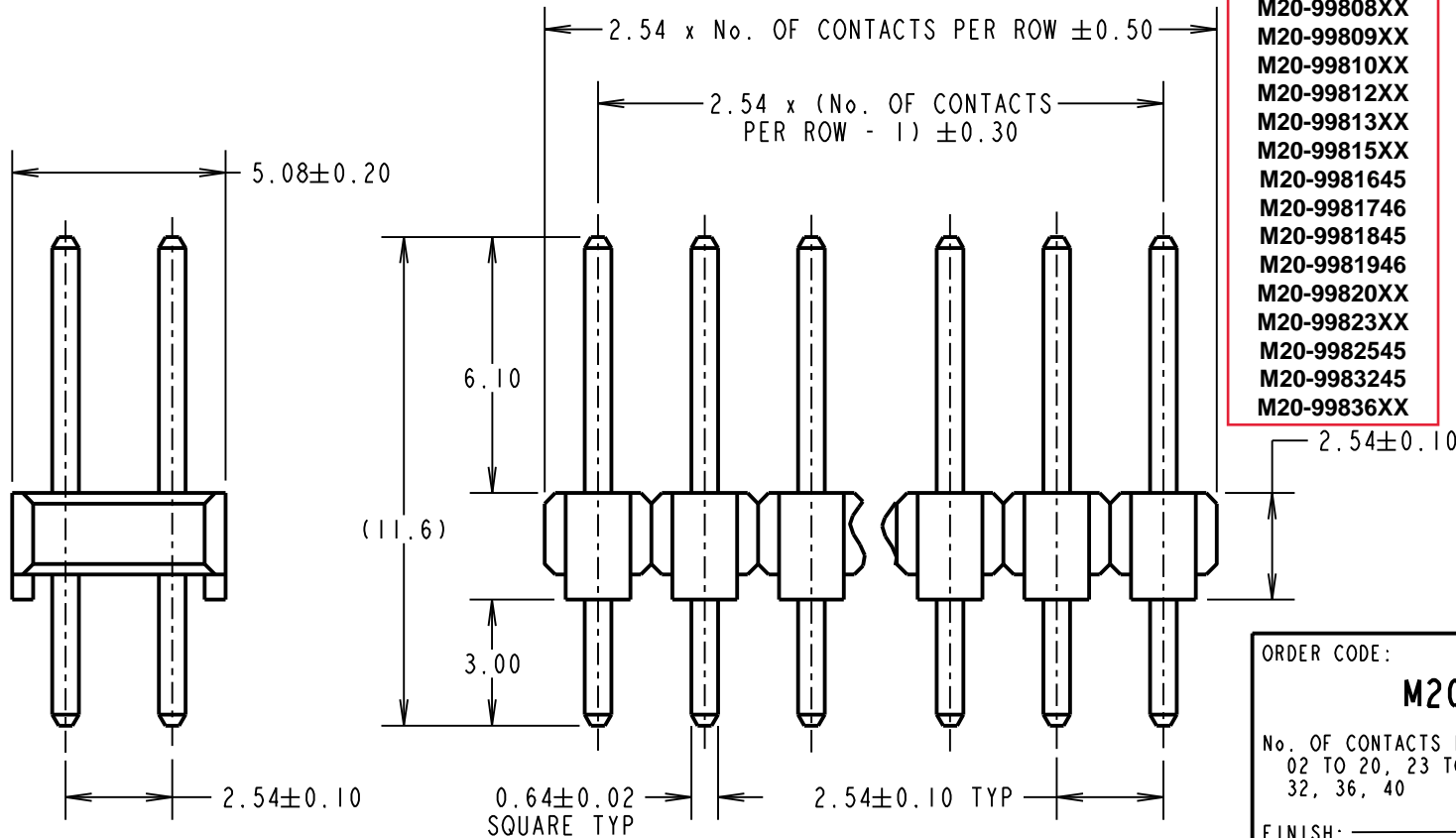
**FINISH:**  
 PINS (OVER NICKEL):  
 45 = GOLD  
 46 = 100% TIN

**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

ORDER CODE:  
**M20-998XXX**

No. OF CONTACTS PER ROW: 02 TO 20, 23 TO 25, 32, 36, 40

FINISH:  
 45 = GOLD  
 46 = 100% TIN

MGP	24	17.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			



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

**MATERIAL:**  
 SEE ABOVE

**FINISH:**  
 SEE ABOVE

**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 2.54mm PITCH DIL VERTICAL PC TAIL PIN HEADER

**DRAWING NUMBER:**  
**M20-998XXX**

SHT 2 OF 2

# Mouser Electronics

Authorized Distributor

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