

# Customer Information Sheet

DRAWING No.: M20-973XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

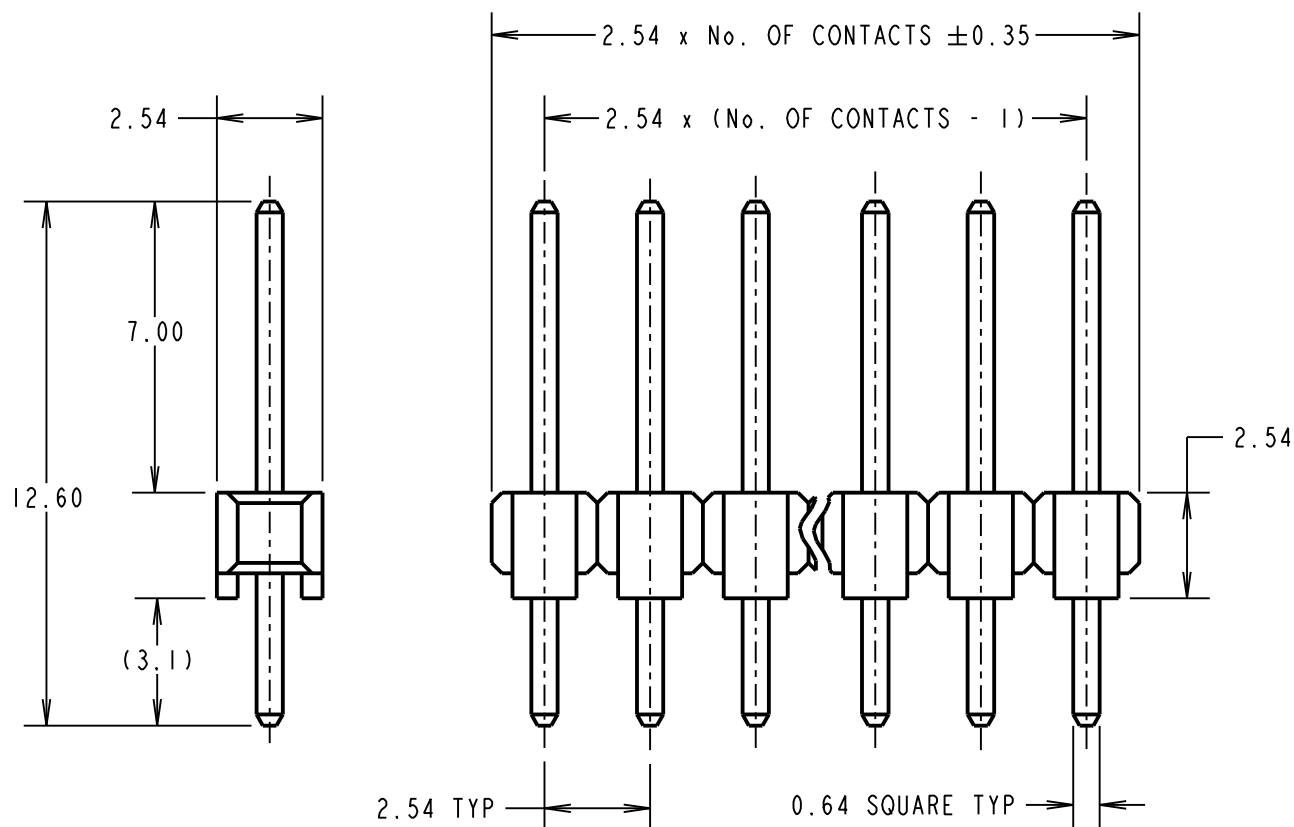
ALL DIMENSIONS IN mm

**NOTES:**

1. RECOMMENDED PCB MOUNTING HOLE SIZE =  $\varnothing 1.00\text{mm}$ .
2. ALL TOLERANCES ARE  $\pm 0.25\text{mm}$  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 =  $25\text{m}\Omega$  MAX (GOLD),  
 $30\text{m}\Omega$  MAX (TIN)  
 INSULATION RESISTANCE =  $1,000\text{M}\Omega$  MIN  
 DIELECTRIC STRENGTH = 750V AC/DC  
**MECHANICAL:**  
 DURABILITY = 300 OPERATIONS (GOLD),  
 50 OPERATIONS (TIN)  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE =  $-40^{\circ}\text{C}$  TO  $+105^{\circ}\text{C}$   
**PACKING:**  
 BAG



ORDER CODE:  
**M20-973XXXX**

No. OF CONTACTS: \_\_\_\_\_  
 02 TO 20, 25 TO 28,  
 36, 40

FINISH: \_\_\_\_\_  
 45 = GOLD  
 46 = 100% TIN

|                         |      |          |        |
|-------------------------|------|----------|--------|
| WJP                     | 13   | 31.07.17 | 20398  |
| NAME                    | ISS. | DATE     | C/NOTE |
| APPROVED: W. J. PRESTON |      |          |        |
| CHECKED: M. PLESTED     |      |          |        |
| DRAWN: J. CLAY          |      |          |        |
| CUSTOMER REF.:          |      |          |        |
| ASSEMBLY DRG:           |      |          |        |

**HARWIN**

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 technical@harwin.com

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

**MATERIAL:**  
 SEE ABOVE  
**FINISH:** SEE ABOVE  
**S/AREA:** mm<sup>2</sup>

**TITLE:** 2.54mm PITCH SIL VERTICAL PC TAIL PIN HEADER ASSEMBLY  
**DRAWING NUMBER:** M20-973XXXX

SHT  
 2  
 OF  
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# Mouser Electronics

Authorized Distributor

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