

# Customer Information Sheet

DRAWING No.: M20-972XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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 = HIGH TEMP NYLON 6T UL94V-0, BLACK  
PINS = BRASS

**FINISH:****PINS:**

45 = GOLD  
46 = 100% TIN OVER NICKEL

**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:**

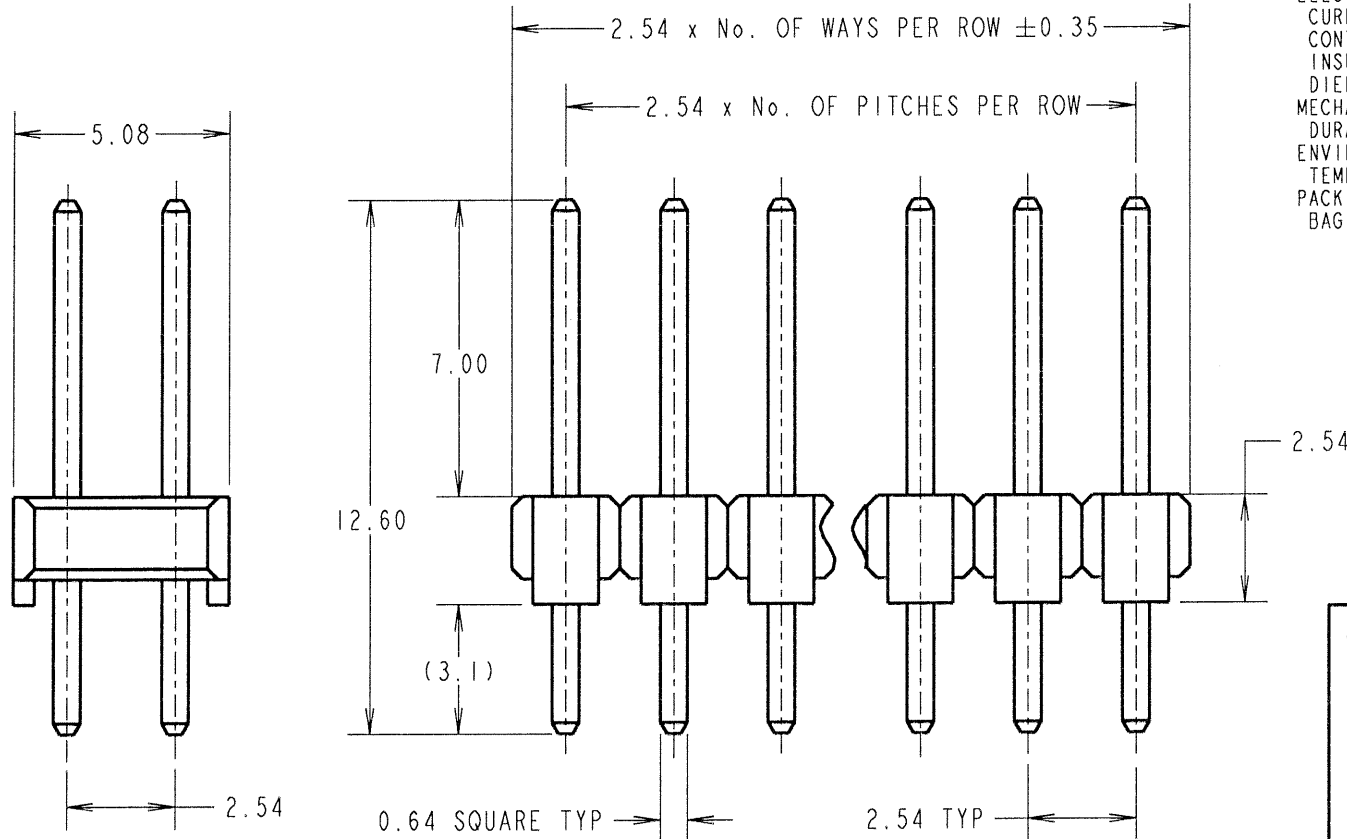
DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)

**ENVIRONMENTAL:**

TEMPERATURE RANGE =  $-40^\circ\text{C}$  TO  $+105^\circ\text{C}$

**PACKING:**

BAG



ORDER CODE:

**M20-972XXXX**

No. OF WAYS \_\_\_\_\_  
02 TO 40

FINISH:

45 = GOLD  
46 = 100% TIN

|                      |      |          |        |
|----------------------|------|----------|--------|
| JMB                  | 12   | 05.12.06 | 9602   |
| NAME                 | ISS. | DATE     | C/NOTE |
| APPROVED: <i>JMB</i> |      |          |        |
| CHECKED: <i>DK</i>   |      |          |        |
| DRAWN: P. ALEXANDER  |      |          |        |
| CUSTOMER REF.:       |      |          |        |
| ASSEMBLY DRG:        |      |          |        |

**HARWIN**

|                                                                    |                                                                |                                                                   |
|--------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|
| HARWIN INC<br>U.S.A.<br>TEL: (812) 542 2540<br>FAX: (812) 542 2541 | HARWIN PLC<br>U.K.<br>TEL: 023 9231 4545<br>FAX: 023 9231 4590 | HARWIN PTE<br>SINGAPORE<br>TEL: 65 6779 4909<br>FAX: 65 6779 3868 |
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**TOLERANCES**

~~X.X =  $\pm 1\text{mm}$~~   
~~X.X =  $\pm 0.25\text{mm}$~~   
~~X.XX =  $\pm 0.10\text{mm}$~~   
~~X.XXX =  $\pm 0.01\text{mm}$~~

ANGLES =  $\pm 5^\circ$ 

UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

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

2.54mm PITCH DIL  
VERTICAL PC TAIL PIN HEADER

**DRAWING NUMBER:****M20-972XXXX**

SHT  
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OF  
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