

# Customer Information Sheet

DRAWING No.: M20-996XXXX

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

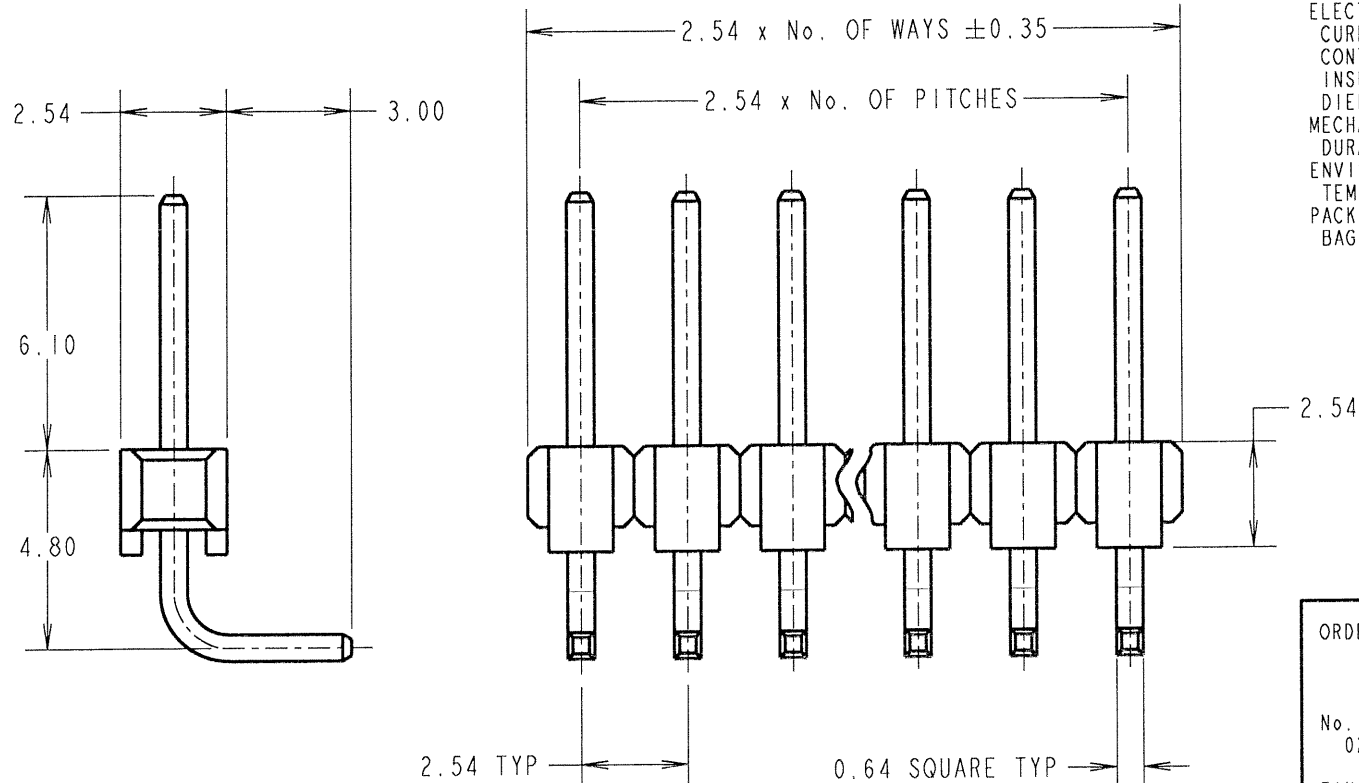
DIELECTRIC STRENGTH = 750V AC/DC

**MECHANICAL:**

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

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

BAG



ORDER CODE:

**M20-996XXXX**No. OF WAYS  
02 TO 40**FINISH:**

45 = GOLD

46 = 100% TIN

|                |         |          |        |
|----------------|---------|----------|--------|
| JMB            | 22      | 05.12.06 | 9602   |
| NAME           | ISS.    | DATE     | C/NOTE |
| APPROVED:      | JMB     |          |        |
| CHECKED:       | JMB     |          |        |
| DRAWN:         | J. CLAY |          |        |
| 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 =  $\pm 1\text{mm}$~~   
~~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 SIL  
HORIZONTAL PC TAIL  
PIN HEADER ASSEMBLY

DRAWING NUMBER:

**M20-996XXXX**SHT  
2  
OF  
2