

# Customer Information Sheet

DRAWING No.: M20-976XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

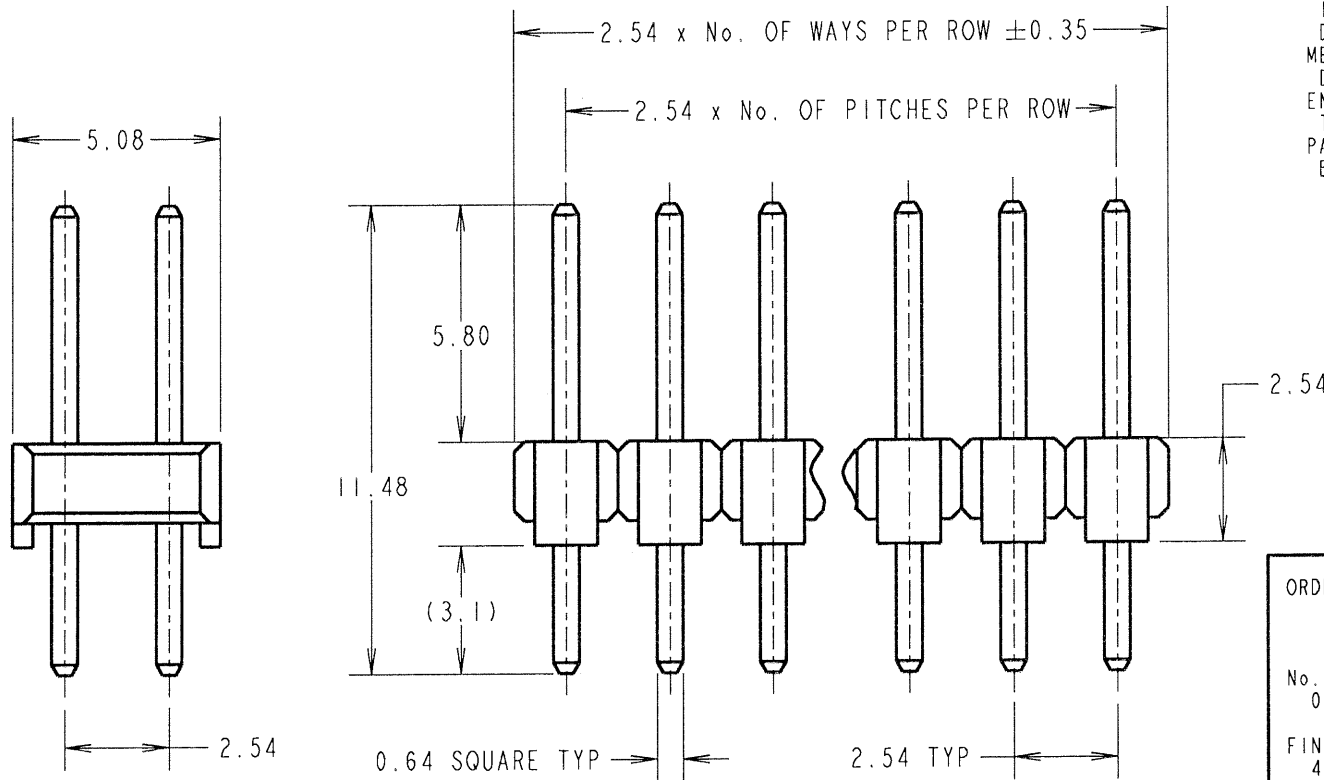
ALL DIMENSIONS IN mm

**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 = HIGH TEMP NYLON 6T UL94V-0, BLACK  
 PINS = BRASS  
**FINISH:**  
 PINS:  
 42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS  
 46 = 100% TIN OVER NICKEL  
**ELECTRICAL:**  
 CURRENT RATING = 3A MAX  
 CONTACT RESISTANCE = 25 m $\Omega$  MAX (GOLD), 30 m $\Omega$  MAX (TIN)  
 INSULATION RESISTANCE = 1,000 M $\Omega$  MIN  
 DIELECTRIC STRENGTH = 750V AC/DC  
**MECHANICAL:**  
 DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -40°C TO +105°C  
**PACKING:**  
 BAG



**OBSOLETE**

No. of Contacts per Row:  
 21 to 24, 26 to 35, 37 to 39

ORDER CODE:

**M20-976XXX**

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

FINISH: \_\_\_\_\_  
 42 = SELECTIVE GOLD + 100% TIN  
 46 = 100% TIN

JMB	12	05.12.06	9602
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>chs</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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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 =  $\pm 0.05\text{mm}$~~   
 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:**  
**M20-976XXX**  
 SHT 2 OF 2

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