

# Customer Information Sheet

DRAWING No.: M22-252XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

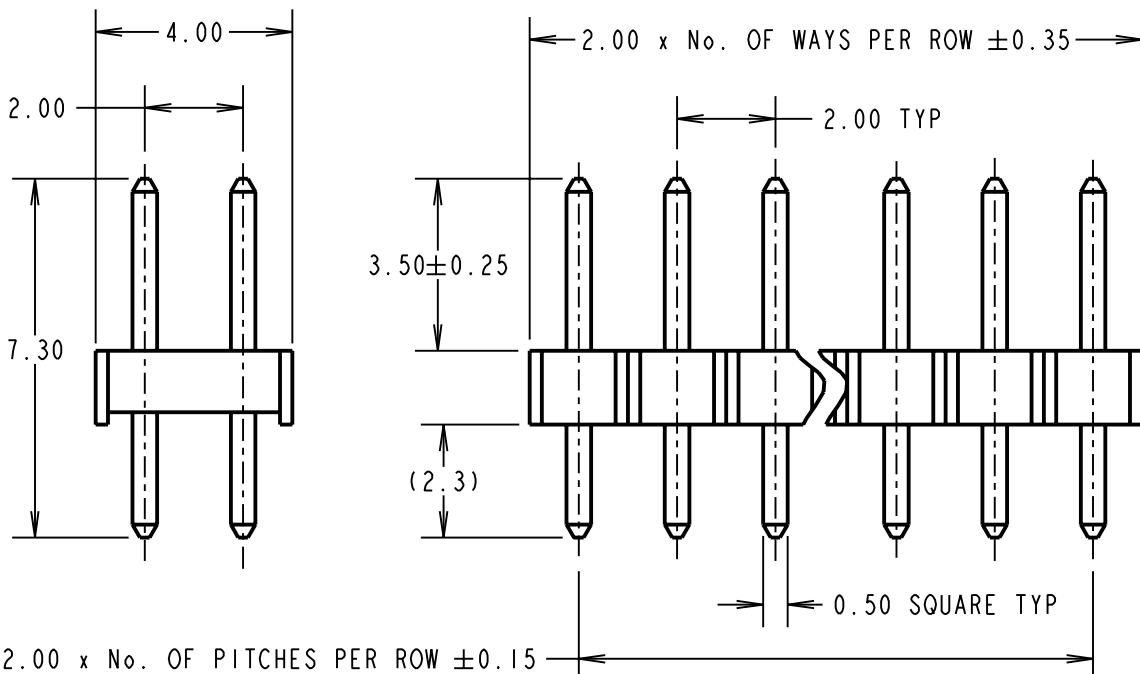
ALL DIMENSIONS IN mm

ORDER CODE:

**M22-252XXXX**

No. OF WAYS \_\_\_\_\_  
02 - 50

FINISH \_\_\_\_\_  
05 = GOLD  
46 = 100% TIN



**SPECIFICATIONS:**

**MATERIAL:**  
MOULDING = NYLON 6T, UL94V-0, BLACK  
CONTACTS = PHOSPHOR BRONZE

**FINISH:**  
05 = GOLD  
46 = 100% TIN

**ELECTRICAL:**  
CURRENT RATING = 1A  
VOLTAGE PROOF = 650V AC  
CONTACT RESISTANCE:  
INITIAL = 15 mΩ MAX (GOLD), 20 mΩ MAX (TIN)  
AFTER CONDITIONING = 20 mΩ MAX (GOLD), 30 mΩ MAX (TIN)  
INSULATION RESISTANCE:  
INITIAL = 1,000 MΩ MIN  
AFTER CONDITIONING = 100 MΩ MIN

**MECHANICAL:**  
DURABILITY = 300 OPERATIONS (GOLD), 50 OPERATIONS (TIN)  
INSERTION FORCE = 2N MAX  
WITHDRAWAL FORCE = 0.3N MIN

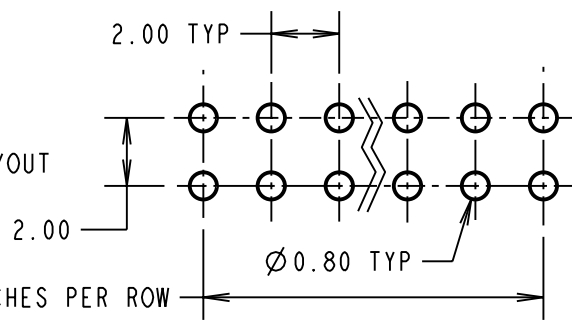
**ENVIRONMENTAL:**  
TEMPERATURE RANGE = -55°C TO +105°C

**PACKING:**  
BAG

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION CO18XX (LATEST ISSUE)

2.00 x No. OF PITCHES PER ROW ± 0.15

**RECOMMENDED PCB LAYOUT**



**NOTES:**  
1. ALL TOLERANCES ARE ± 0.20 UNLESS OTHERWISE STATED.

CP	6	14.09.09	10298
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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**TOLERANCES**  
~~X. = ± 1mm~~  
~~X.X = ± 0.25mm~~  
~~X.XX = ± 0.10mm~~  
~~X.XXX = ± 0.01mm~~  
ANGLES = ± 5°  
UNLESS STATED

**MATERIAL:**  
SEE ABOVE

**FINISH:**  
SEE ABOVE

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

**TITLE:**  
2.00mm PITCH DIL VERTICAL PIN HEADER ASSEMBLY

**DRAWING NUMBER:**  
**M22-252XXXX**

SHT 2 OF 2