

# Customer Information Sheet

DRAWING No.: M22-252XXXX

SHEET 2 OF 2

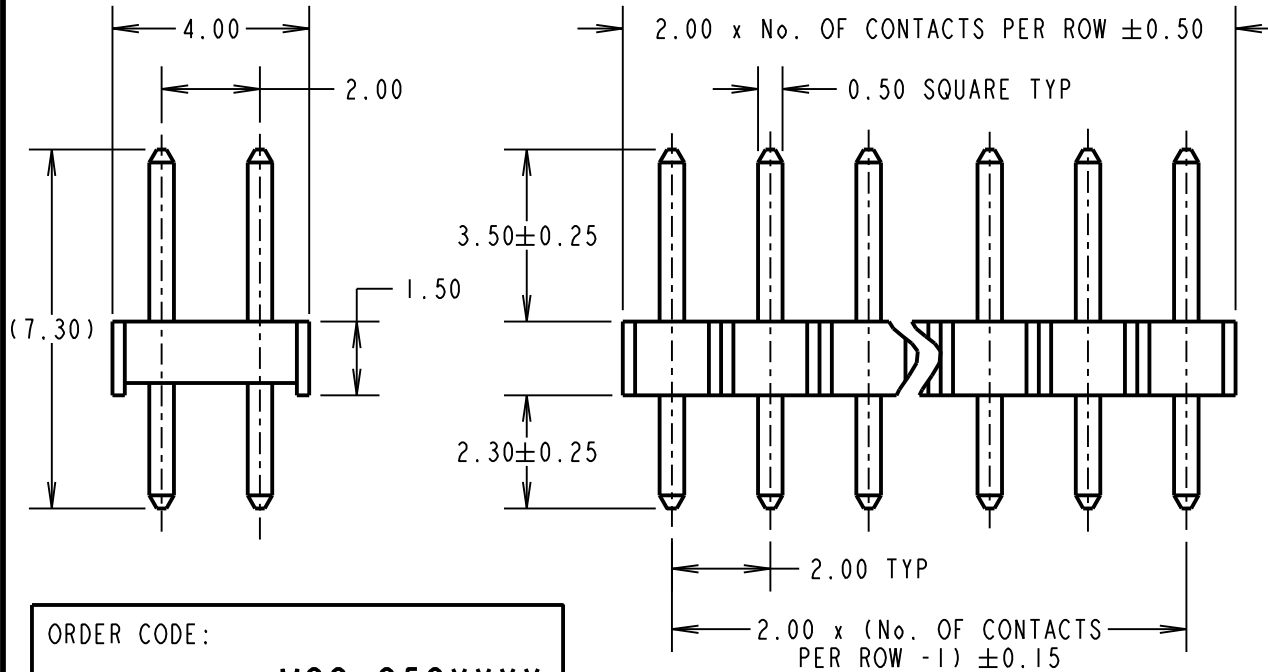
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

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

**FINISH:**

05 = GOLD OVER NICKEL  
46 = 100% TIN OVER NICKEL

**ELECTRICAL:**

CURRENT RATING = 2A  
VOLTAGE PROOF = 500V AC FOR ONE MINUTE  
CONTACT RESISTANCE = 20mΩ MAX  
INSULATION RESISTANCE = 1000MΩ MIN

**MECHANICAL:**

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

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -40°C TO +105°C

**PACKING:**

BAG

FOR COMPLETE SPECIFICATION, SEE  
COMPONENT SPECIFICATION C018XX (LATEST ISSUE)

ORDER CODE:

**M22-252XXXX**

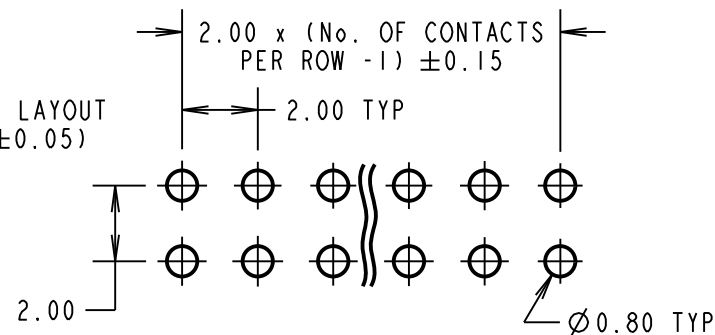
No. OF CONTACTS PER ROW: \_\_\_\_\_  
02 TO 20, 25, 40

FINISH: \_\_\_\_\_  
05 = GOLD OVER NICKEL  
46 = 100% TIN OVER NICKEL

**NOTES:**

1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

RECOMMENDED PCB LAYOUT  
(TOLERANCE = ±0.05)



|                     |      |          |        |
|---------------------|------|----------|--------|
| LS                  | 9    | 01.11.17 | 20898  |
| NAME                | ISS. | DATE     | C/NOTE |
| APPROVED: LS        |      |          |        |
| CHECKED: MGP        |      |          |        |
| DRAWN: W. J. BOURNE |      |          |        |
| CUSTOMER REF.:      |      |          |        |
| ASSEMBLY DRG:       |      |          |        |

**HARWIN**

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**TOLERANCES**  
~~X = ±1mm~~  
~~X.X = ±0.50mm~~  
~~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