

# Customer Information Sheet

DRAWING No.: M22-251XXXX

SHEET 2 OF 2

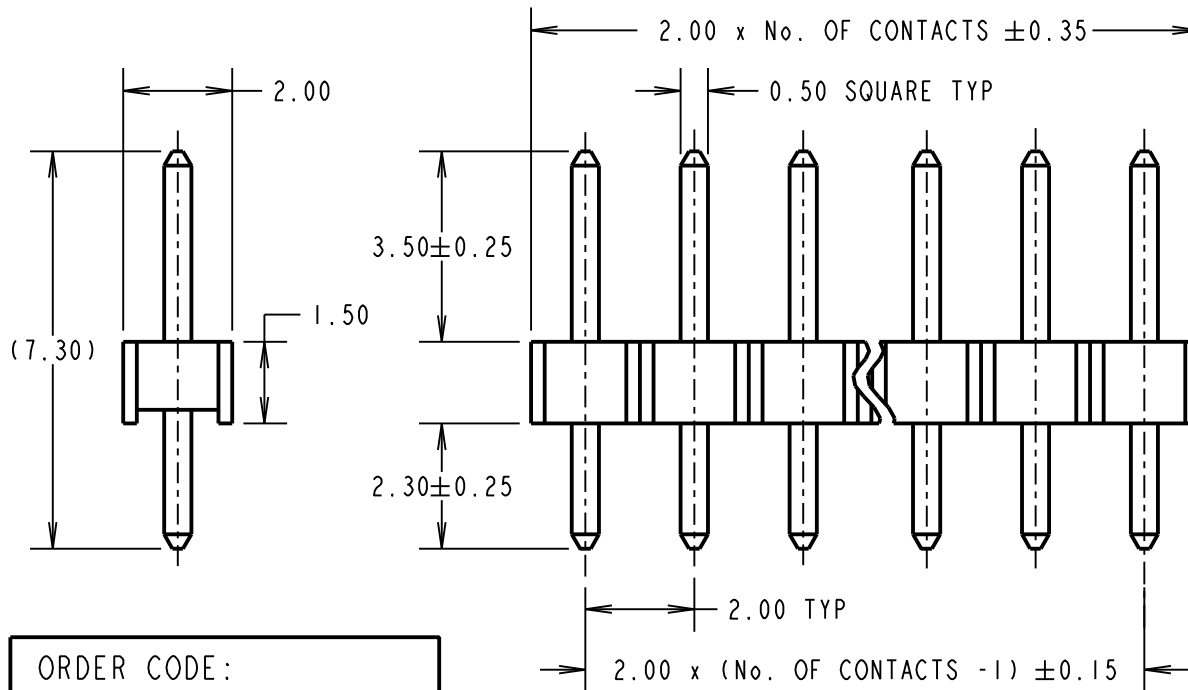
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**

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

**FINISH:**

05 = GOLD  
46 = 100% TIN

**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:

**M22-251XXXX**

No. OF CONTACTS: \_\_\_\_\_  
02 TO 20, 25, 40, 50

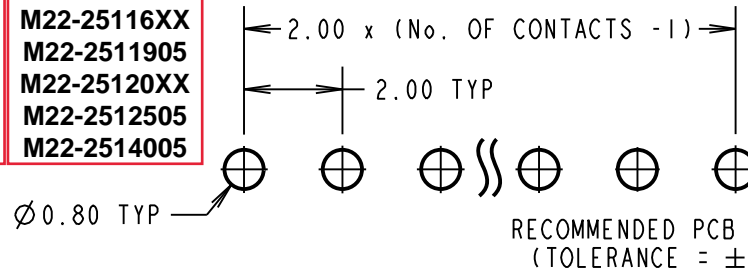
FINISH: \_\_\_\_\_  
05 = GOLD OVER NICKEL  
46 = 100% TIN OVER NICKEL

**Active products:**

M22-25102XX	M22-25110XX
M22-25103XX	M22-2511205
M22-2510405	M22-2511405
M22-25105XX	M22-25116XX
M22-25106XX	M22-2511905
M22-2510705	M22-25120XX
M22-25108XX	M22-2512505
M22-2510905	M22-2514005

**OBSOLETE**  
All other size/finish combinations not listed below

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



LS	10	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 SIL VERTICAL PIN HEADER ASSEMBLY  
DRAWING NUMBER:  
**M22-251XXXX**