

# Customer Information Sheet

DRAWING No.: M22-251XXXX

SHEET 2 OF 2

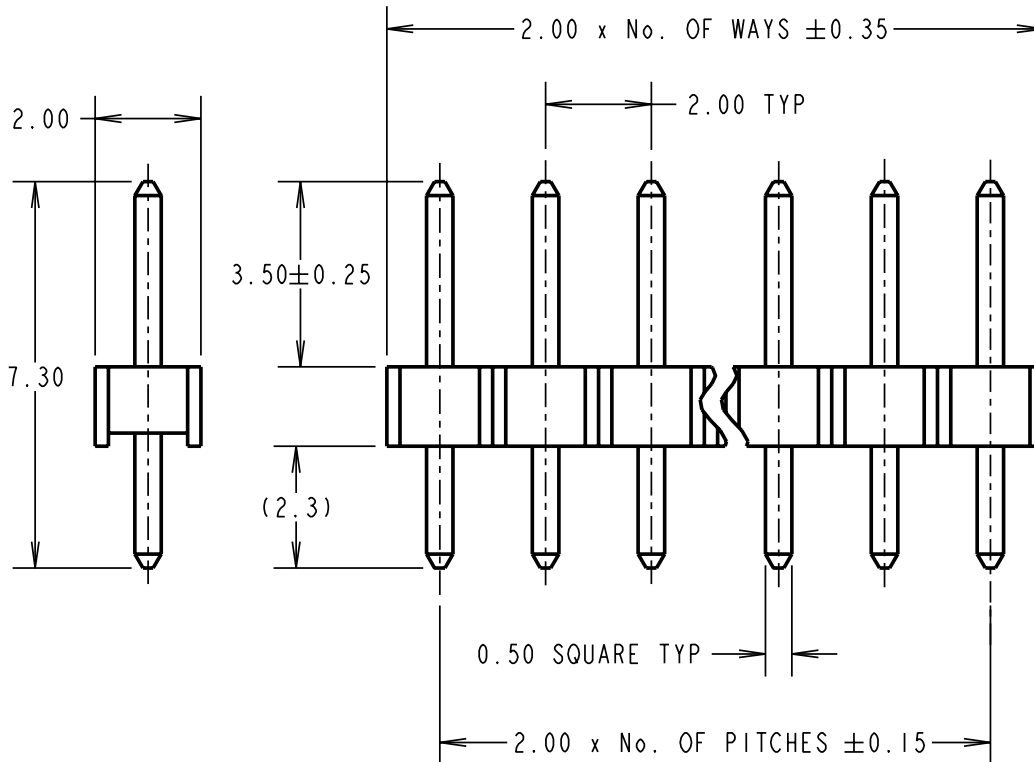
IF IN DOUBT - ASK

(C)

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 = 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 C018XX (LATEST ISSUE)

ORDER CODE:

**M22-251XXXX**

No. OF WAYS \_\_\_\_\_  
01-50

FINISH \_\_\_\_\_

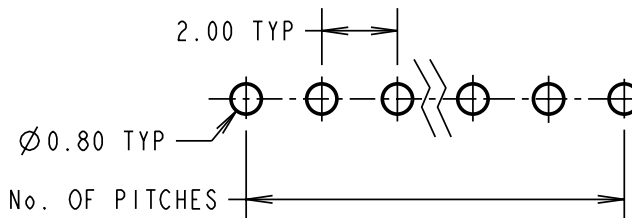
05 = GOLD

46 = 100% TIN

**NOTES:**

1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

**RECOMMENDED PCB LAYOUT**



RA	7	04.02.09	10280
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
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 SIL VERTICAL PIN HEADER ASSEMBLY  
**DRAWING NUMBER:**  
**M22-251XXXX**  
SHT 2 OF 2