

# Customer Information Sheet

DRAWING No.: M22-201XXXX

SHEET 2 OF 2

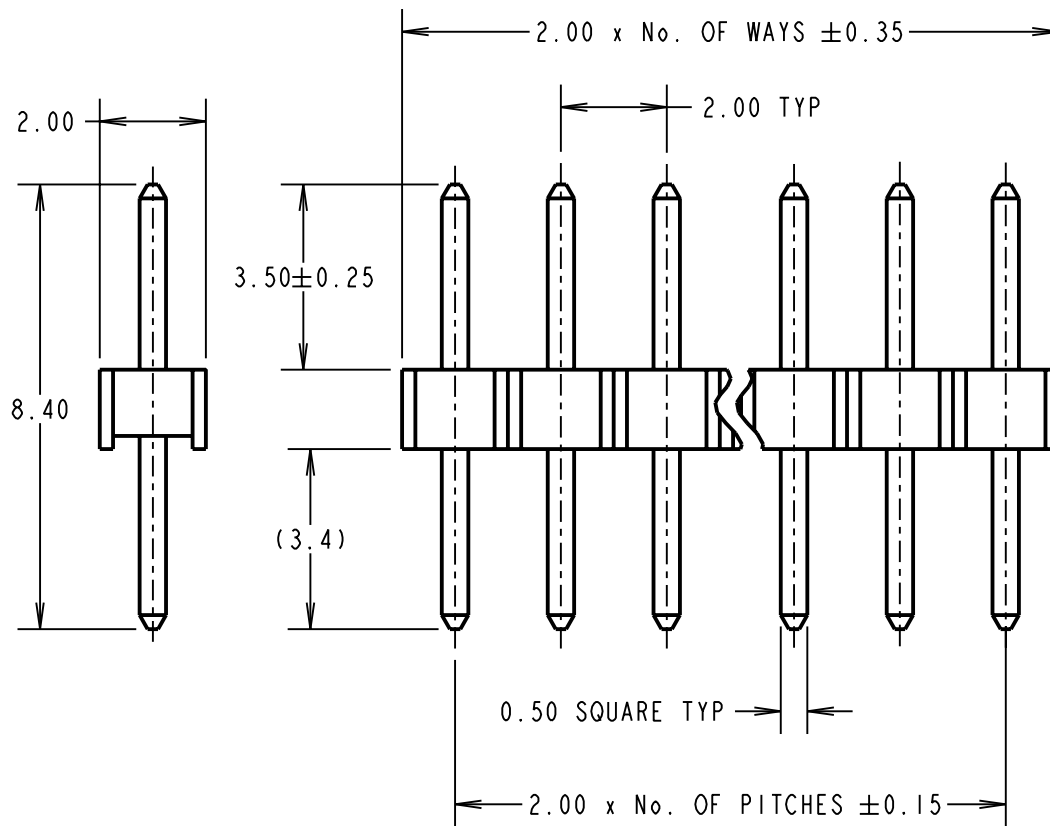
IF IN DOUBT - ASK

©

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

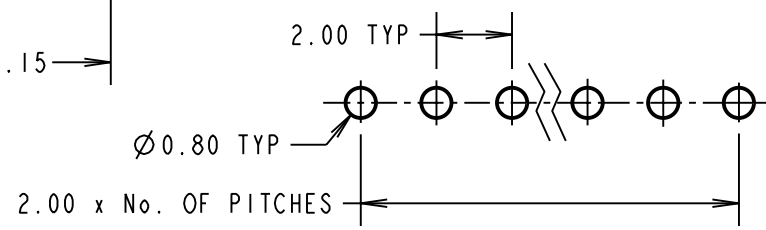
ORDER CODE:  
**M22-201XXXX**

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

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

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

**RECOMMENDED PCB LAYOUT**



CP	9	14.09.09	10298
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: P. D. COLLINS			
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:**  
**M22-201XXXX**

SHT 2 OF 2