

# Customer Information Sheet

DRAWING No.: M22-253XXXX

SHEET 2 OF 2

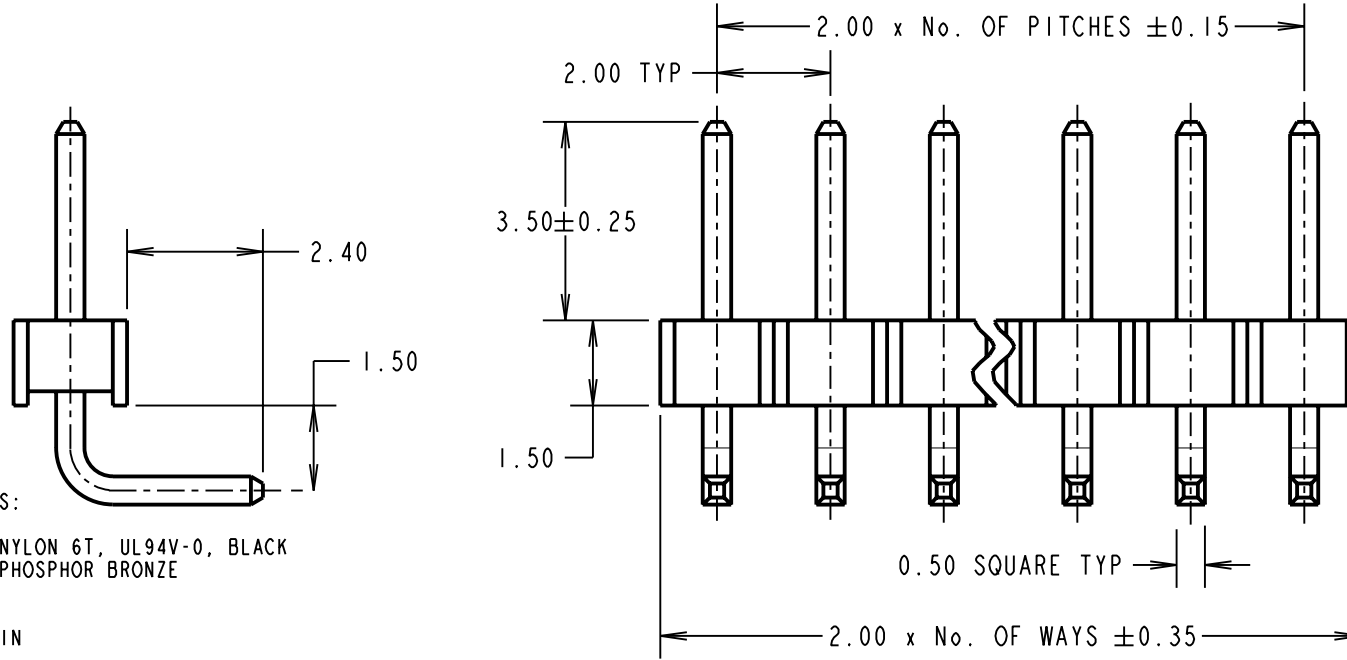
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

**M22-253XXXX**

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

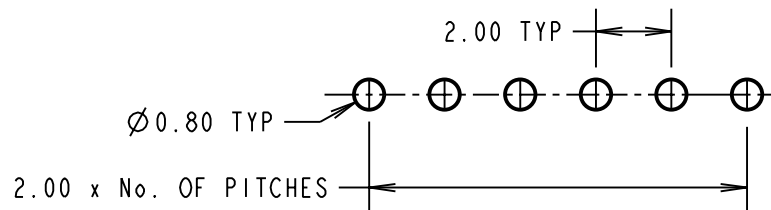
**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +105°C

**PACKING:**

BAG

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



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 SIL HORIZONTAL  
PC TAIL PIN HEADER ASSEMBLY  
**DRAWING NUMBER:**  
**M22-253XXXX**  
SHT 2 OF 2