

# 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

ORDER CODE:

**M22-201XXXX**

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

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

**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 = 15mΩ MAX (GOLD), 20mΩ MAX (TIN)  
CONTACT RESISTANCE = 20 mΩ MAX  
INSULATION RESISTANCE = 1,000MΩ MIN

**MECHANICAL:**

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

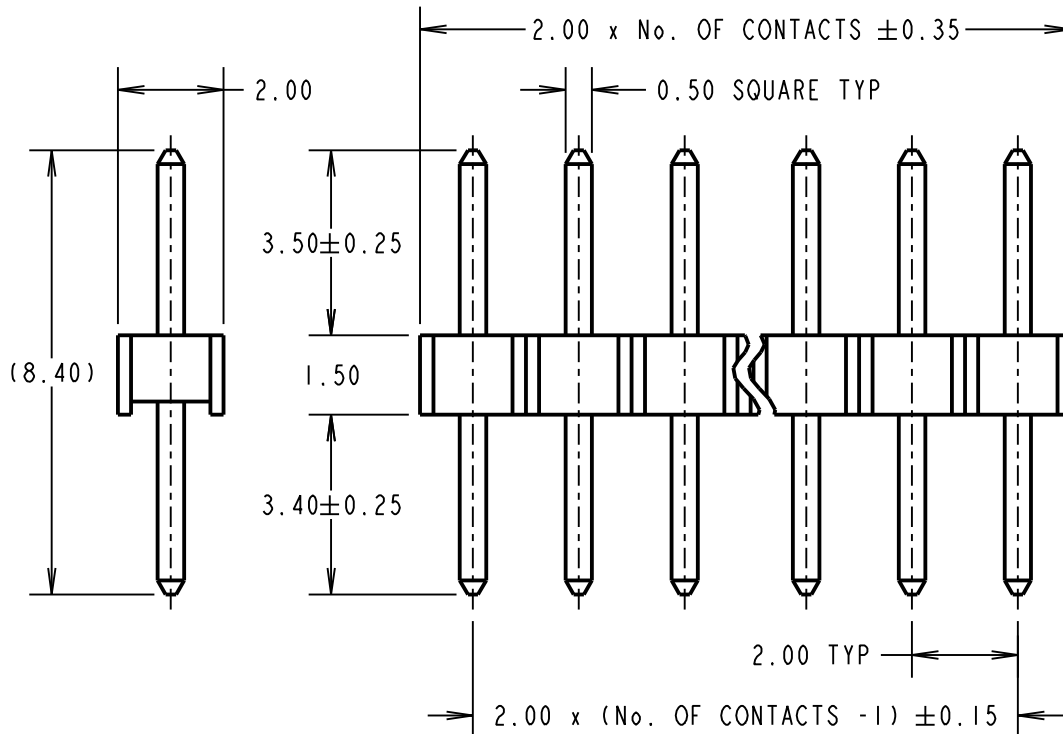
**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +105°C

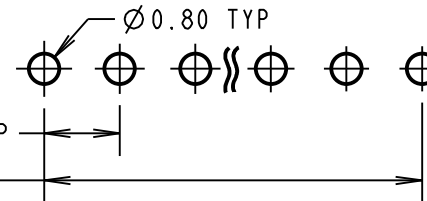
**PACKING:**

BAG

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



RECOMMENDED PCB LAYOUT  
(TOLERANCE = ±0.05)



**NOTES:**

1. ALL TOLERANCES ARE ±0.20 UNLESS OTHERWISE STATED.

MSP	11	15.06.15	12803
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		S. BENNETT	
DRAWN:		P. D. COLLINS	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:**

**M22-201XXXX**

SHT  
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OF  
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