

# Customer Information Sheet

DRAWING No.: M22-201XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

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

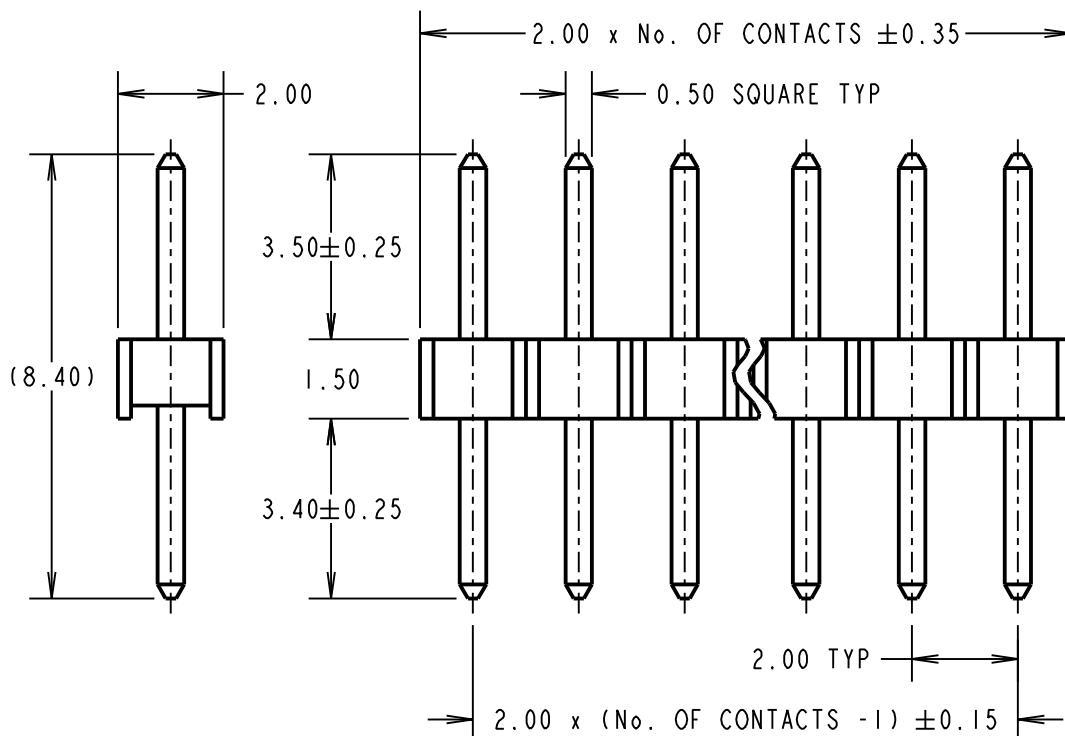
### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +105°C

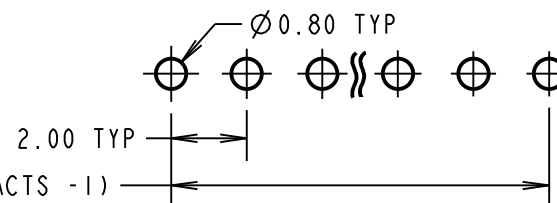
### PACKING:

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            | II   | 15.06.15      | 12803  |
| NAME           | ISS. | DATE          | C/NOTE |
| APPROVED:      |      | M.PERREN      |        |
| CHECKED:       |      | S.BENNETT     |        |
| DRAWN:         |      | P. D. COLLINS |        |
| 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:

**M22-201XXXX**

SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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