

# Customer Information Sheet

DRAWING No.: M80-841XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

**M80-841XXXX**

TOTAL No. OF WAYS

04, 06, 08, 10, 12, 14, 16,  
18, 20, 26, 34, 44

FINISH:

22 = SELECTIVE GOLD + TIN/LEAD  
42 = SELECTIVE GOLD + 100% TIN  
45 = GOLD

## SPECIFICATIONS:

## MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH (ALL OVER NICKEL):

## CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA,  
3µ 90/10 TIN/LEAD ON TAILS  
42 = 0.75µ GOLD ON CONTACT AREA,  
3.0µ 100% TIN ON TAILS  
45 = 0.75µ GOLD

## ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX.

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX.

INSULATION RESISTANCE (INITIAL) = 1000 MΩ MIN.

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN.

## MECHANICAL:

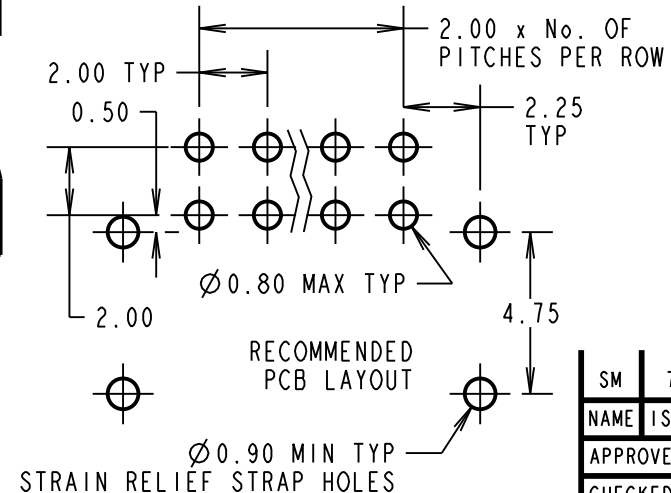
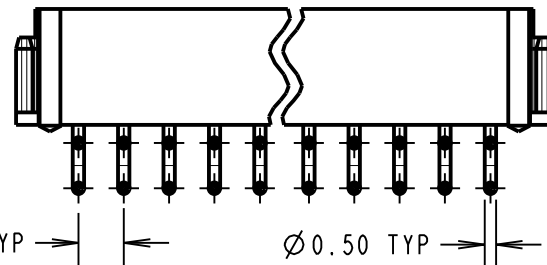
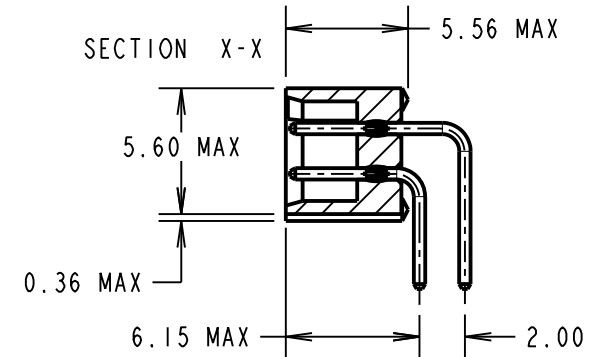
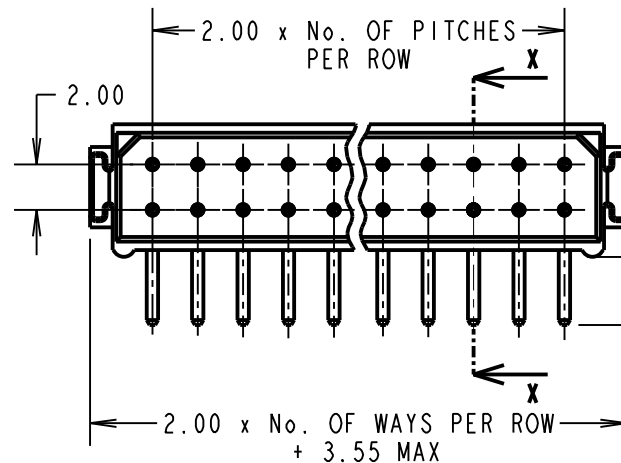
DURABILITY = 500 OPERATIONS

## ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

## PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)

## NOTES:

1. 2-OFF STRAIN RELIEF STRAPS M80-0030006  
ARE INCLUDED WITH EACH CONNECTOR

|                        |      |          |        |
|------------------------|------|----------|--------|
| SM                     | 7    | 10.06.11 | 10832  |
| NAME                   | ISS. | DATE     | C/NOTE |
| APPROVED: S. MCCULLAGH |      |          |        |
| CHECKED: M. G. PLESTED |      |          |        |
| DRAWN: I. SANDY        |      |          |        |
| CUSTOMER REF.:         |      |          |        |
| ASSEMBLY DRG:          |      |          |        |

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## TOLERANCES

X. = ±1mm  
X.X = ±0.25mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mmANGLES = ±5°  
UNLESS STATED

## MATERIAL:

SEE ABOVE

## FINISH:

SEE ABOVE

## S/AREA:

mm<sup>2</sup>

## TITLE:

DATAMATE DIL  
HORIZONTAL 90° TAIL PLUG  
ASSEMBLY (RoHS)

## DRAWING NUMBER:

**M80-841XXXX**SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8413442](#) [M80-8412642](#) [M80-8412042](#) [M80-8410842](#) [M80-8411245](#) [M80-8411242](#) [M80-8410442](#) [M80-8411642](#) [M80-8411442](#) [M80-8411842](#) [M80-8410642](#) [M80-8411042](#) [M80-8414442](#) [M80-8411045](#)