

# Customer Information Sheet

DRAWING No.: M80-752XXXX

SHEET 2 OF 2

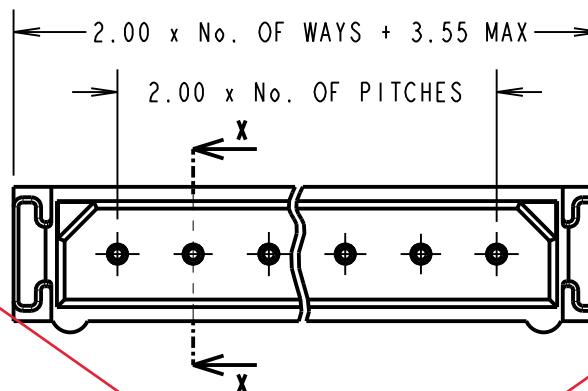
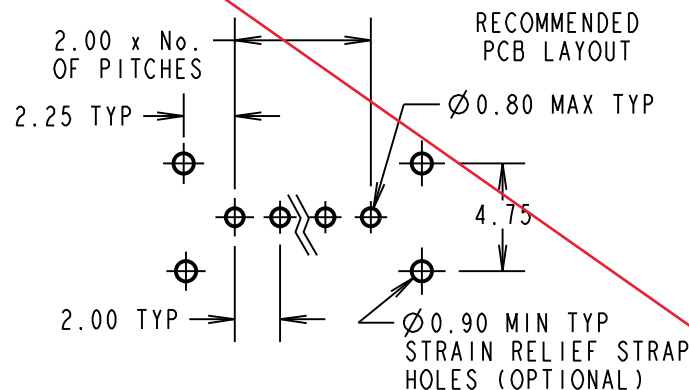
IF IN DOUBT - ASK

(C)

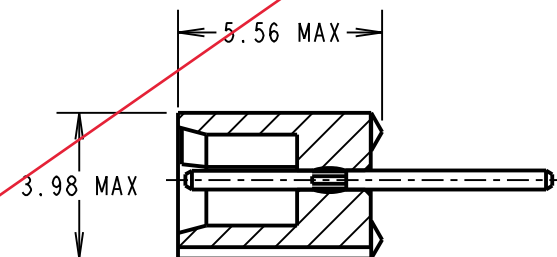
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**OBSOLETE**



SECTION X-X

## SPECIFICATIONS:

### MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

### FINISH:

CONTACTS (ALL OVER NICKEL):

22 = 0.75µ GOLD ON CONTACT AREA.

3.0µ TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA.

3.0µ 100% TIN ON TAILS

45 = 0.25/0.3µ GOLD BODY, 0.3µ GOLD CLIP

### 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.

AFTER CONDITIONING = 25 mΩ MAX.

INSULATION RESISTANCE:

INITIAL = 1000 MΩ MIN.

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:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.

ORDER CODE:

**M80-752XXXX**

TOTAL No. OF WAYS

02-07, 17, 22

FINISH

22 - GOLD ON CONTACT AREA

TIN/LEAD ON TAILS

42 - GOLD ON CONTACT AREA

100% TIN ON TAILS

45 - 100% GOLD

|                        |      |          |        |
|------------------------|------|----------|--------|
| SM                     | 3    | 22.06.11 | 10832  |
| NAME                   | ISS. | DATE     | C/NOTE |
| APPROVED: S. MCCULLAGH |      |          |        |
| CHECKED: M. G. PLESTED |      |          |        |
| DRAWN: JM BROOKES      |      |          |        |
| CUSTOMER REF.:         |      |          |        |
| ASSEMBLY DRG:          |      |          |        |

**HARWIN**

|                                                                        |                                                                                    |                                                                                |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
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|------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|

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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:

DATAMATE SIL  
VERTICAL MALE PC TAIL  
ASSEMBLY - UNLATCHED

## DRAWING NUMBER:

**M80-752XXXX**

SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7520242](#) [M80-7520542](#) [M80-7520642](#) [M80-7520742](#) [M80-7521742](#) [M80-7522242](#) [M80-7521722](#) [M80-7522222](#) [M80-7520722](#) [M80-7520522](#) [M80-7520622](#) [M80-7520422](#) [M80-7520322](#)