

# Customer Information Sheet

DRAWING No.: M80-839XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

**M80-839XXXX**

TOTAL No. OF WAYS

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

FINISH:

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

NOTES:

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

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK  
CONTACTS = PHOSPHOR BRONZE  
LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

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

LATCH = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 120V AC/DC

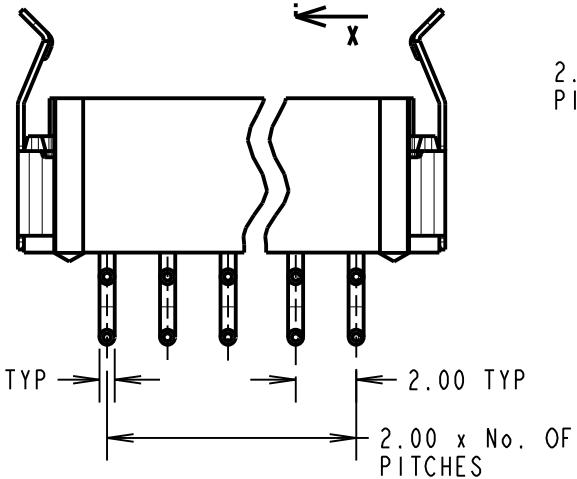
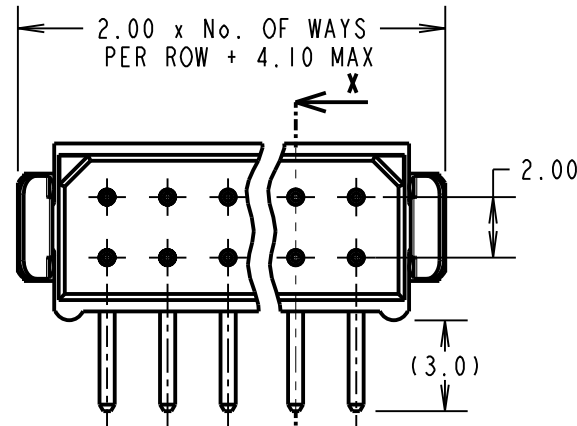
VOLTAGE PROOF = 360V AC/DC

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:

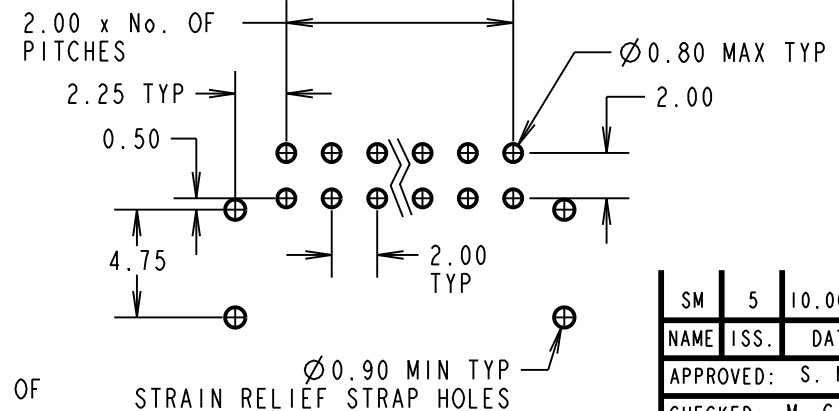
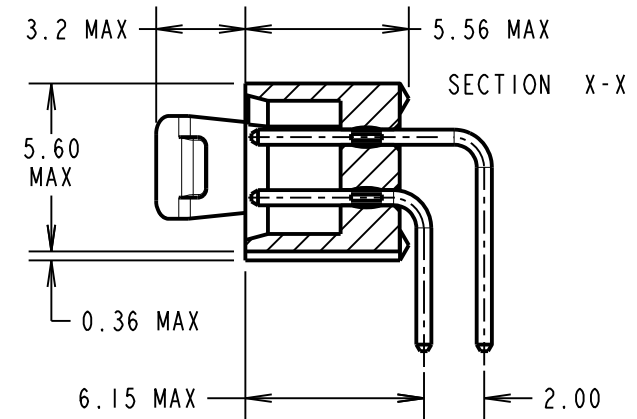
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)RECOMMENDED  
PCB LAYOUT

|                        |      |          |        |
|------------------------|------|----------|--------|
| SM                     | 5    | 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 = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm<sup>2</sup>TITLE: DATAMATE DIL HORIZONTAL  
PC TAIL PLUG ASSEMBLY-  
FRICTION LATCHED (RoHS)

DRAWING NUMBER:

**M80-839XXXX**SHT  
2  
OF  
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