

# Customer Information Sheet

DRAWING No.: M80-854XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

**M80-854XXX**

TOTAL No. OF CONTACTS:

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 MAY BE USED  
WITH THIS CONNECTOR.

SPECIFICATIONS:

MATERIAL:

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

FINISH:

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 = 800V AC/DC

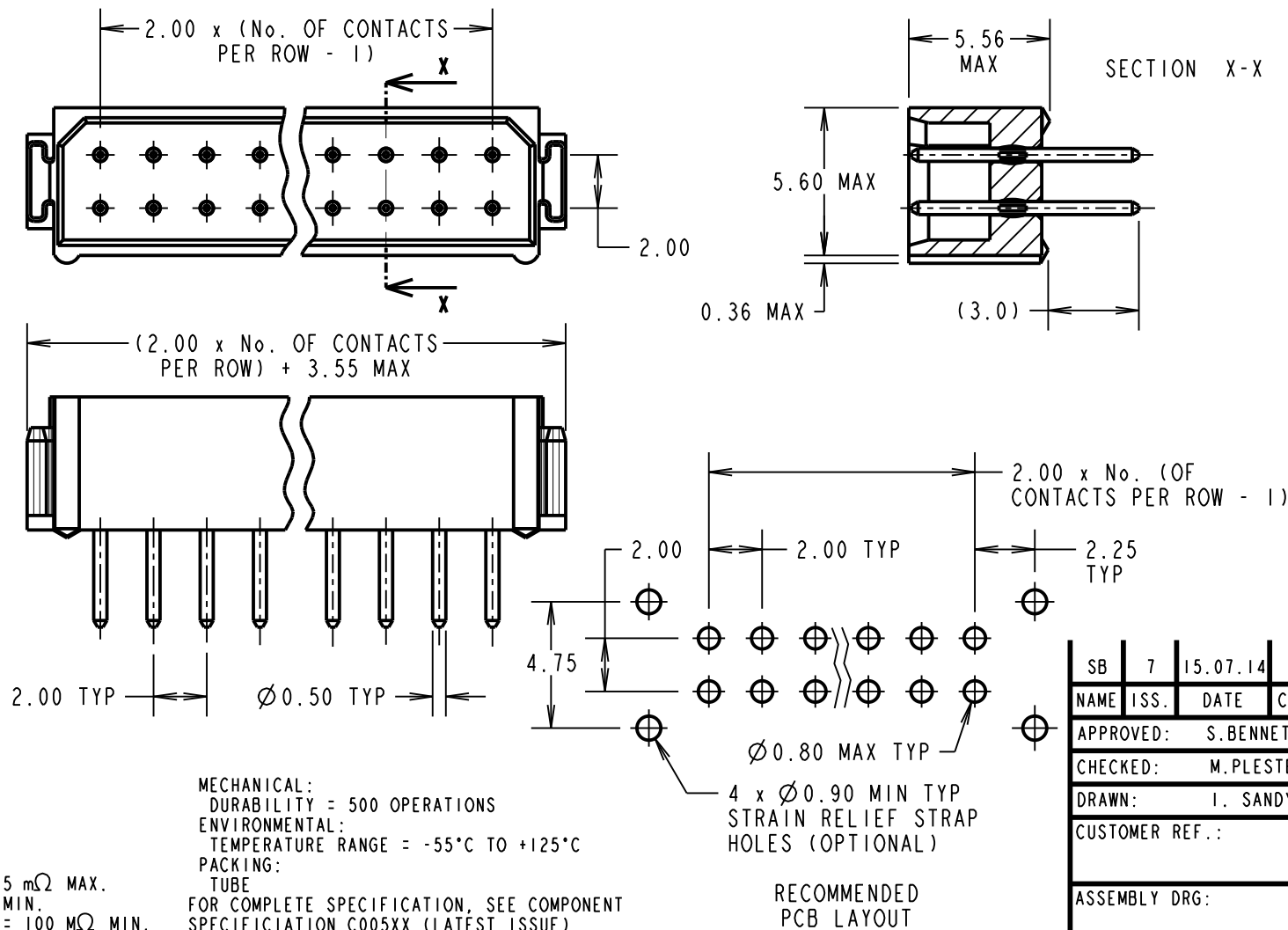
VOLTAGE PROOF = 1200V AC/DC

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)

|                |      |           |        |
|----------------|------|-----------|--------|
| SB             | 7    | 15.07.14  | 12531  |
| NAME           | ISS. | DATE      | C/NOTE |
| APPROVED:      |      | S.BENNETT |        |
| CHECKED:       |      | M.PLESTED |        |
| DRAWN:         |      | I. SANDY  |        |
| CUSTOMER REF.: |      |           |        |
| ASSEMBLY DRG:  |      |           |        |

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TOLERANCES

X. =  $\pm 1\text{mm}$   
X.X =  $\pm 0.25\text{mm}$   
X.XX =  $\pm 0.10\text{mm}$   
X.XXX =  $\pm 0.01\text{mm}$ ANGLES =  $\pm 5^\circ$ 

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm<sup>2</sup>

TITLE:

DATAMATE DIL  
VERTICAL PC TAIL PLUG  
ASSEMBLY (RoHS)

DRAWING NUMBER:

**M80-854XXX**SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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