

Customer Information Sheet

DRAWING No.: M80-867XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:**MATERIAL:**MOULDING = GLASS-FILLED POLYESTER,
UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:**CONTACTS:**

05 = 0.75µ GOLD

22 = 0.75µ GOLD ON CONTACT AREA.

3.0µ 90/10 TIN/LEAD ON TAILS

LATCH = 1.25µ NICKEL

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 = 20mΩ MAX.

AFTER CONDITIONING = 25mΩ MAX.

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN.

AFTER CONDITIONING = 100MΩ MIN.

MECHANICAL:

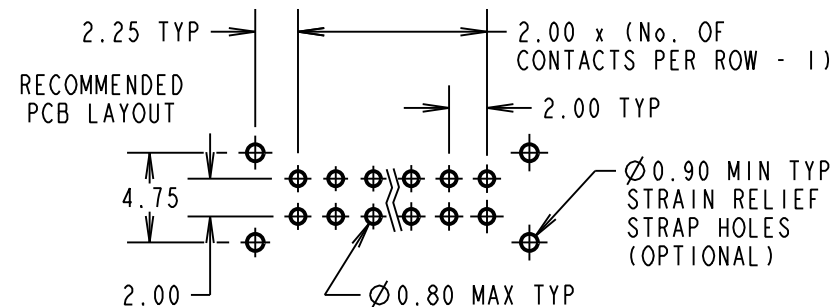
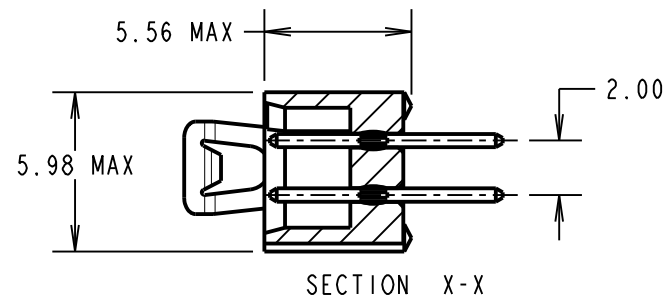
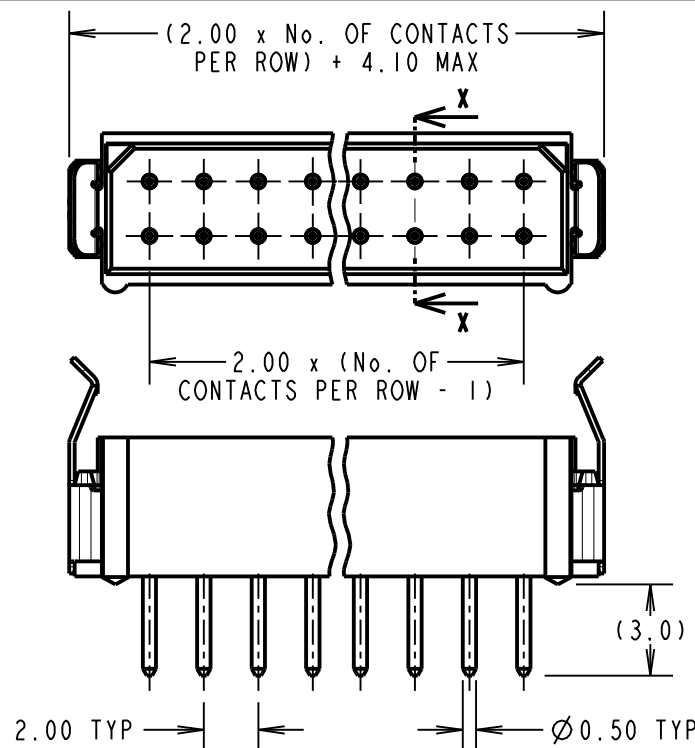
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPEC C005XX (LATEST ISSUE)**NOTES:**

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-853XXXX CONNECTORS.

ORDER CODE:**M80-867XXXX****TOTAL No. OF CONTACTS:**04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44**FINISH:**

05 = GOLD

22 = SELECTIVE GOLD

BRITISH STANDARD ORDER CODE:**B5743-2XX-M-T-X****TOTAL No. OF CONTACTS:**04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44**FINISH:**

1 = SELECTIVE GOLD

3 = GOLD

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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.**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: mm²**TITLE:**DATAMATE DIL
VERTICAL MALE PC TAIL
ASSEMBLY - LATCHED**DRAWING NUMBER:****M80-867XXXX**SHT
2
OF
2

SB	16	15.11.13	12240
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.PLESTED			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			