

# Customer Information Sheet

DRAWING No.: M80-867XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

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

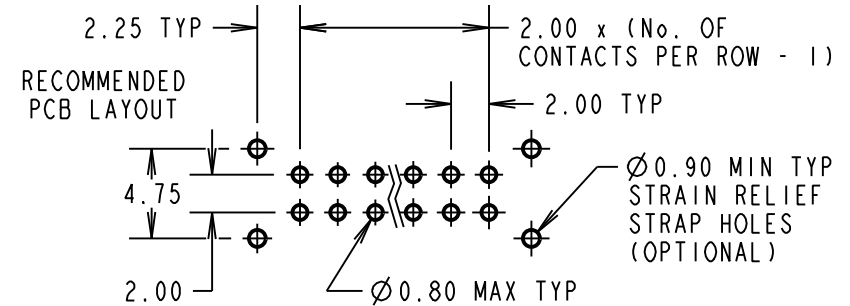
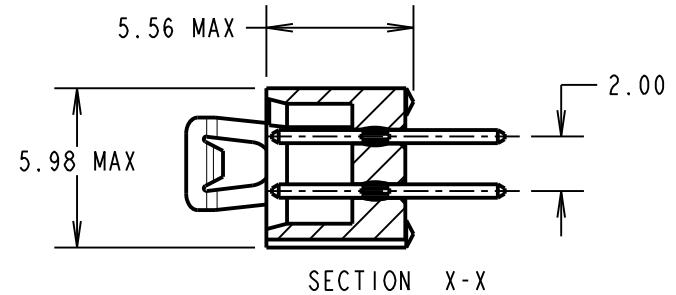
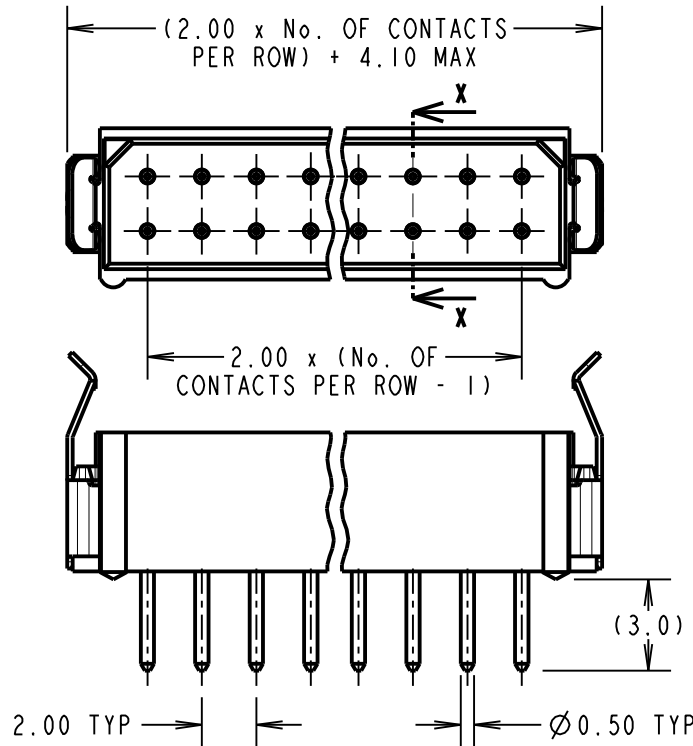
**ELECTRICAL:**  
 CURRENT RATING (25°C) = 3.0A MAX.  
 CURRENT RATING (85°C) = 2.2A MAX.  
 WORKING VOLTAGE = 800V AC/DC  
 VOLTAGE PROOF = 1200V AC/DC  
 CONTACT RESISTANCE:  
 INITIAL = 20mΩ MAX.  
 AFTER CONDITIONING = 25mΩ MAX.  
 INSULATION RESISTANCE:  
 INITIAL = 1000MΩ MIN.  
 AFTER CONDITIONING = 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

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

**HARWIN**

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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  
 VERTICAL MALE PC TAIL  
 ASSEMBLY - LATCHED  
**DRAWING NUMBER:**  
**M80-867XXXX**  
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