

# Customer Information Sheet

DRAWING No.: M80-877XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

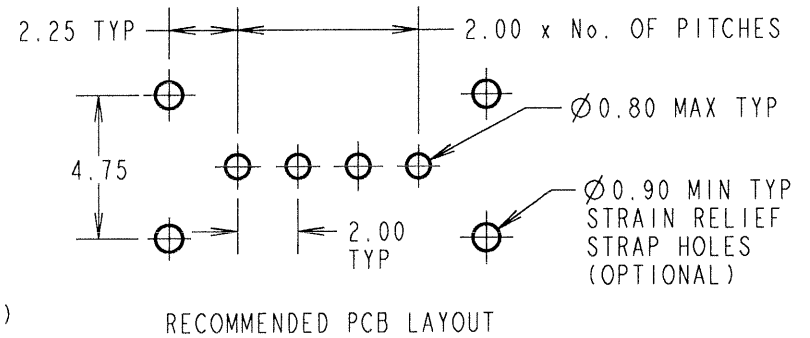
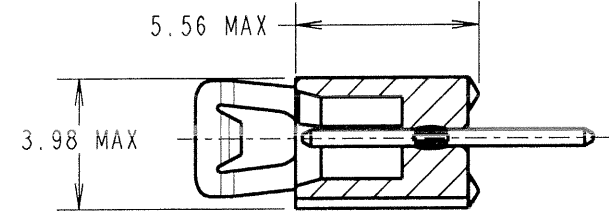
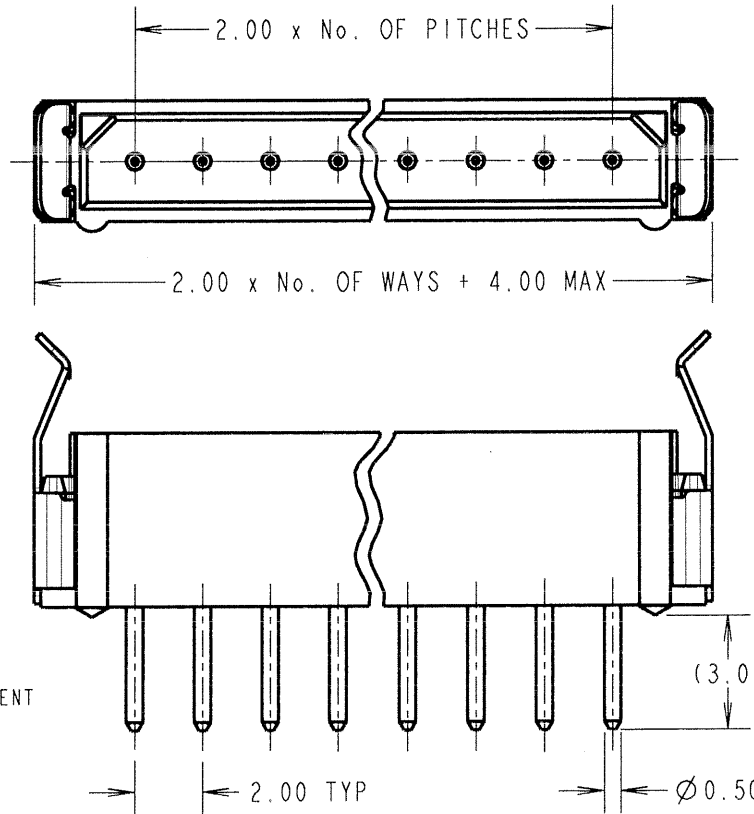
NOT TO SCALE

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 = 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.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-882XXXX CONNECTORS.

BRITISH STANDARD ORDER CODE:

**B5743-1XX-M-T-X**

TOTAL No. OF WAYS  
 02 - 07, 17, 22.

FINISH:  
 1 = SELECTIVE GOLD + TIN/LEAD  
 3 = GOLD

ORDER CODE:

**M80-877XXXX**

TOTAL No. OF WAYS  
 02 - 07, 17, 22.

FINISH:  
 05 = GOLD  
 22 = SELECTIVE GOLD & TIN/LEAD

JMB	12	09.10.06	9501
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>JMB</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: J. CLAY			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

HARWIN INC U.S.A. TEL: (812) 542 2540 FAX: (812) 542 2541	HARWIN PLC U.K. TEL: 023 9231 4545 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 6779 4909 FAX: 65 6779 3868
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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 - LATCHED  
**DRAWING NUMBER:** M80-877XXXX  
**SHT** 2 **OF** 2