

# Customer Information Sheet

DRAWING No.: M80-646XX05P

SHEET 2 OF 2

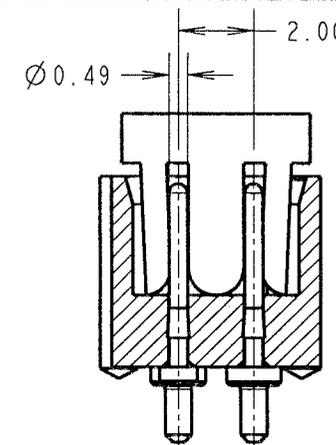
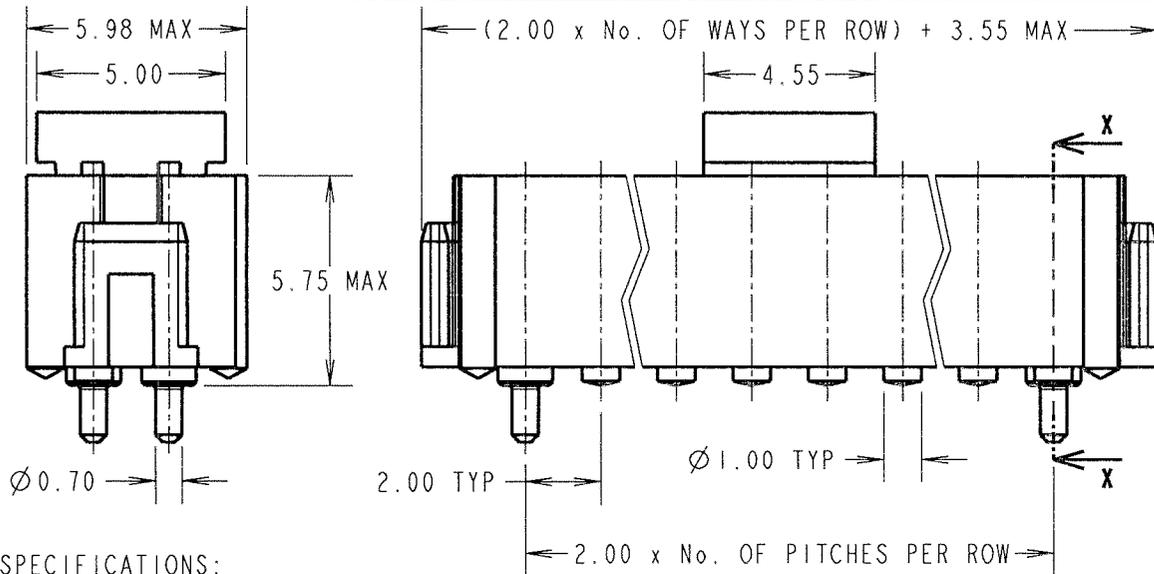
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:  
M80-646XX05P

TOTAL No. OF CONTACTS  
04, 06, 08, 10, 12, 14, 16,  
18, 20, 26, 34, 44

**THIS PRODUCT IS BEING MADE OBSOLETE ON 1st AUGUST. ORDERS WILL BE ACCEPTED UNTIL 31st JULY**

**SPECIFICATIONS:**

**MATERIALS:**

MOULDING = POLYAMIDE 46 UL94V-0  
CONTACTS = BRASS  
PICK AND PLACE CAP = POLYAMIDE 46 UL94V-0

**FINISH:**

CONTACTS = 0.75µ GOLD

**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:**

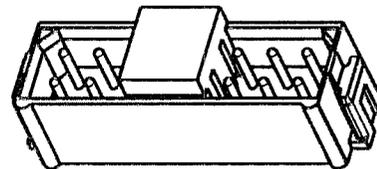
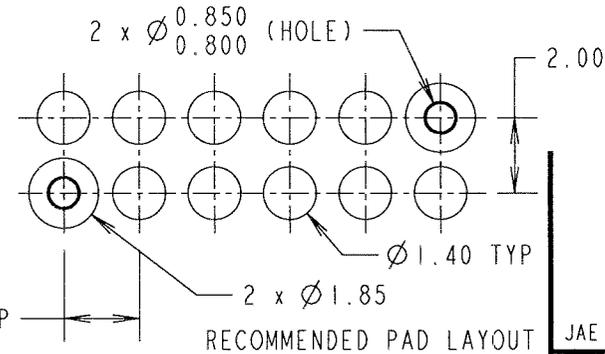
TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**

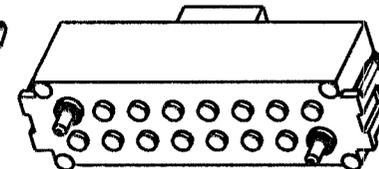
TUBE

**NOTES:**

- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).
- PICK AND PLACE CAP IS LOCATED CENTRALLY ON CONNECTOR.



SCALE 2.5



JAE	4	09.12.03	7769
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN:		W. J. BOURNE	
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 DIL SMT VERTICAL PLUG ASSEMBLY WITH LOCATION, PICK AND PLACE  
**DRAWING NUMBER:** M80-646XX05P  
**SHT** 2 OF 2