

Customer Information Sheet

DRAWING No.: M80-853XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

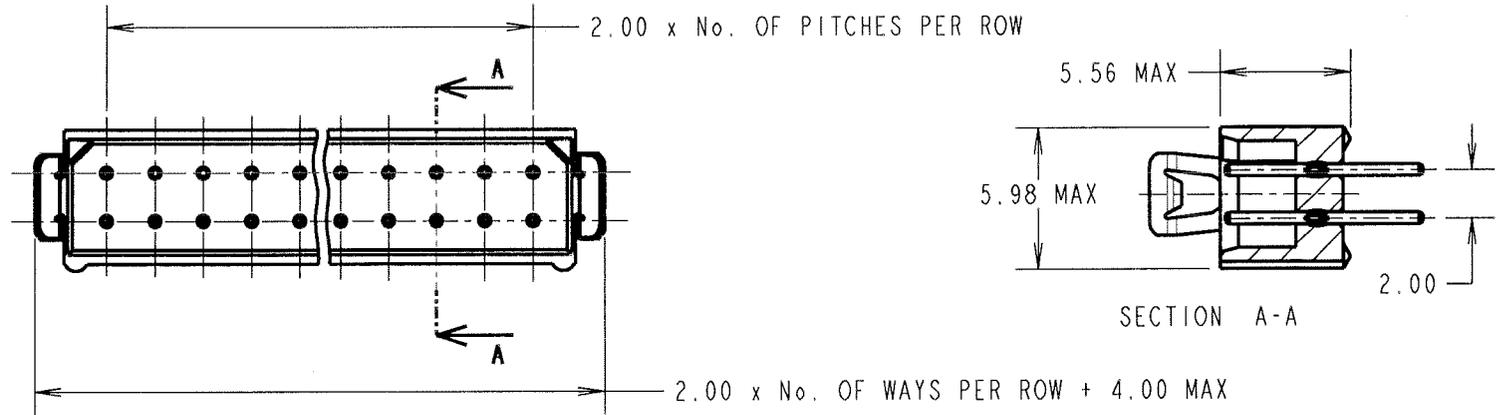
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:
M80-853XXX

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

FINISH:
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
LATCHES = BERYLLIUM COPPER

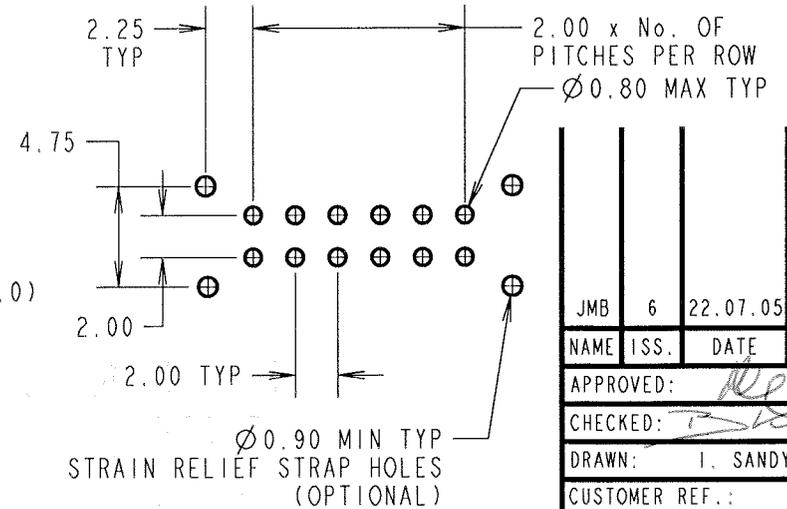
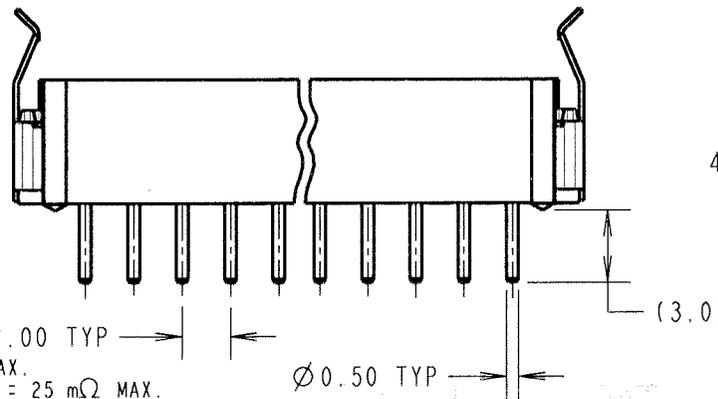
FINISH:
CONTACTS:
45 = 0.75µ GOLD
42 = 0.75µ GOLD ON CONTACT AREA.
3.0µ 100% TIN ON TAILS
LATCH = 1.25µ NICKEL

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.
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
C005XXX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT

JMB	6	22.07.05	8633
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: I. SANDY			
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: mm²

TITLE: DATAMATE DIL
VERTICAL PC TAIL PLUG
ASSEMBLY - LATCHED (RoHS)
DRAWING NUMBER:
M80-853XXX