

Customer Information Sheet

DRAWING No.: M80-851XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-851XXXX

TOTAL No. OF WAYS

04, 06, 08, 10, 12, 14, 16,
18, 20, 26, 34, 44

FINISH:

42 = SELECTIVE GOLD + 100% TIN
45 = GOLD

NOTES:

- 2-OFF STRAIN RELIEF STRAP
M80-0030006 ARE INCLUDED
WITH EACH CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

42 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 100% TIN ON TAILS

45 = 0.75µ GOLD

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:

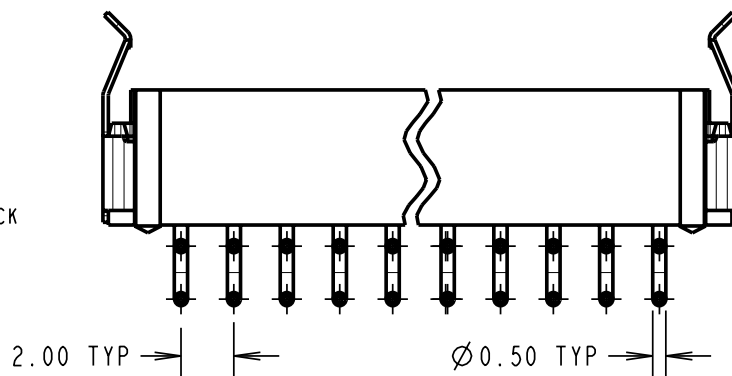
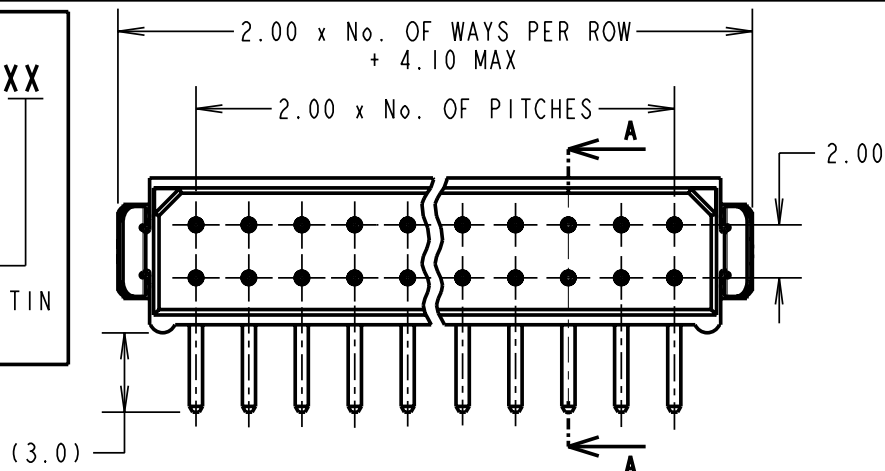
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

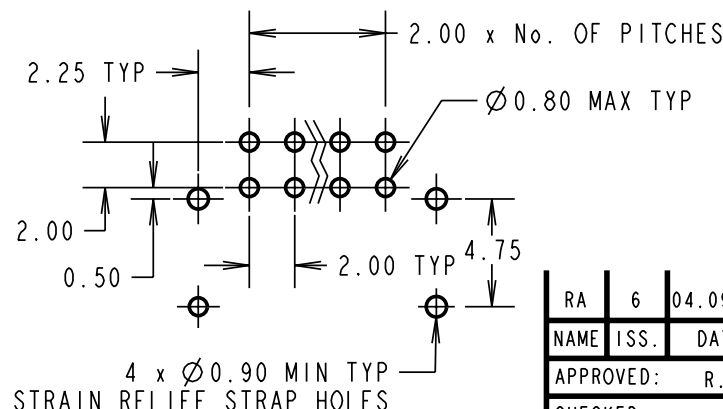
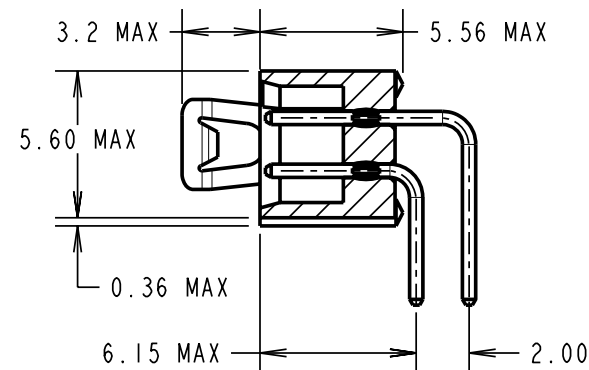
TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION C005XX (LATEST ISSUE)



SECTION A-A



RECOMMENDED
PCB LAYOUT

RA	6	04.09.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		I. SANDY	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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TOLERANCES

X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

DATAMATE DIL
HORIZONTAL 90° TAIL PLUG
ASSEMBLY - LATCHED (RoHS)

DRAWING NUMBER:

M80-851XXXX

SHT
2
OF
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