

Customer Information Sheet

DRAWING No.: M80-814XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED PBT,
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

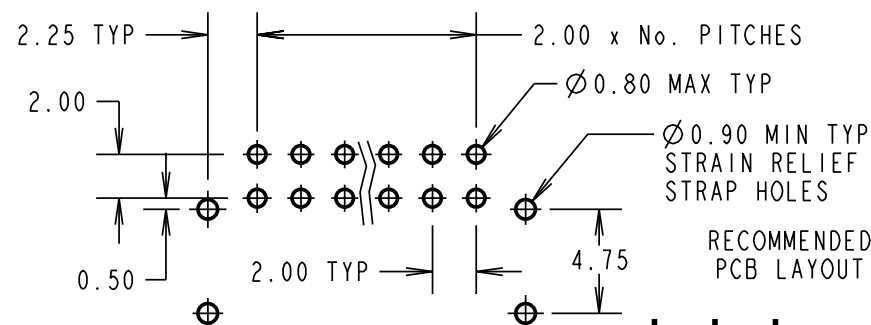
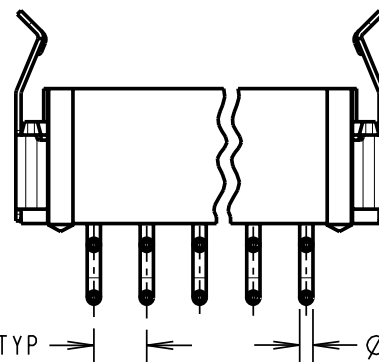
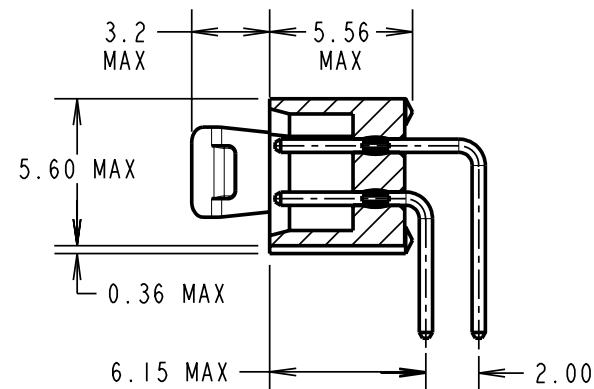
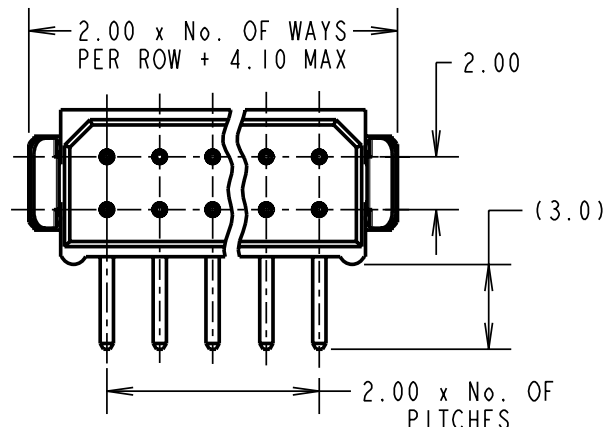
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED
PCB LAYOUT

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 ARE INCLUDED WITH THIS CONNECTOR.
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT USE M80-839XXXX CONNECTORS.

BRITISH STANDARD ORDER CODE:

B5743-2XX-M-L-Y

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

FINISH:
Y = SELECTIVE GOLD & TIN/LEAD

ORDER CODE:

M80-814XXXX

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

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

RA	10	01.09.08	10127
NAME	ISS.	DATE	C/NOTE
APPROVED:	R. ADDE		
CHECKED:	M.G. PLESTED		
DRAWN:	W. J. BOURNE		
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
--	--	--

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN
GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

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
HORIZONTAL MALE PC TAIL
ASSEMBLY - FRICTION LATCH

DRAWING NUMBER:

M80-814XXXX

SHT
2
OF
2