

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

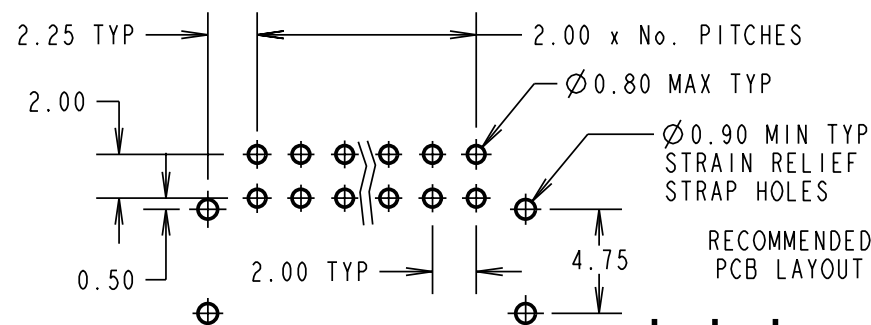
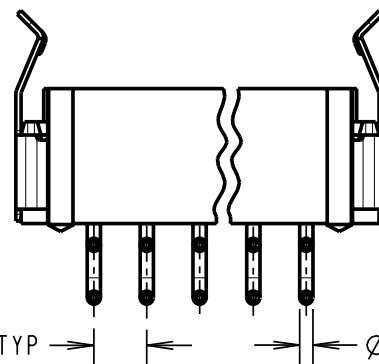
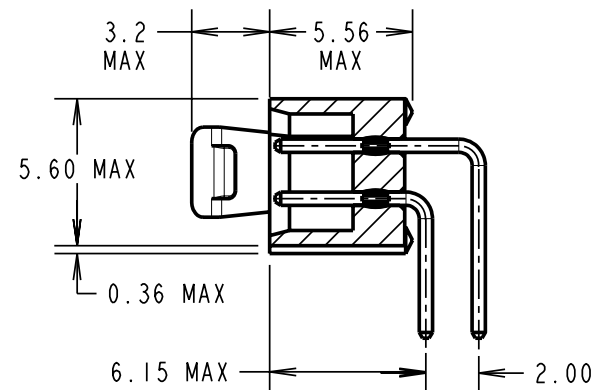
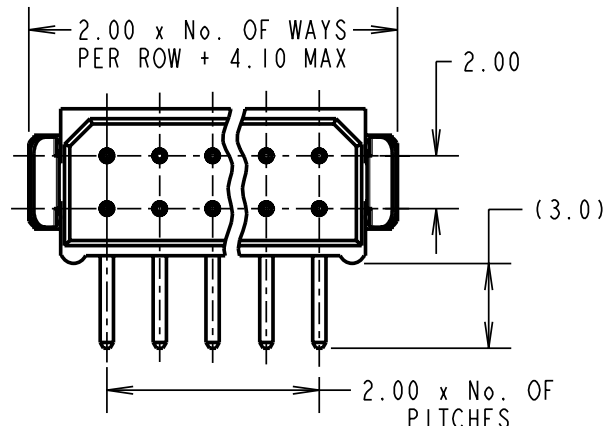
ENVIRONMENTAL:

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

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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
HORIZONTAL MALE PC TAIL
ASSEMBLY - FRICTION LATCH

DRAWING NUMBER:

M80-814XXXX

SHT
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OF
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