

Customer Information Sheet

DRAWING No.: M80-878XXXX

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

FINISH:**CONTACTS:**05 = 0.75 μ GOLD22 = 0.75 μ GOLD ON CONTACT AREA.3.0 μ 90/10 TIN/LEAD ON TAILS**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 m Ω MAX.AFTER CONDITIONING = 25 m Ω MAX.**INSULATION RESISTANCE:**INITIAL = 1000 M Ω MIN.AFTER CONDITIONING = 100 M Ω MIN.**MECHANICAL:**

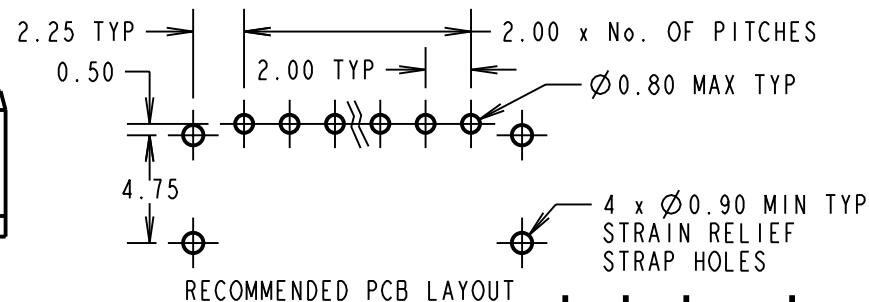
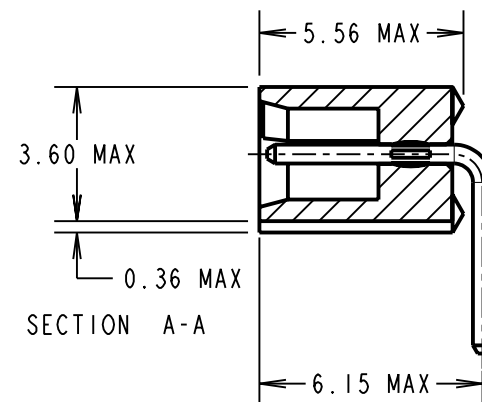
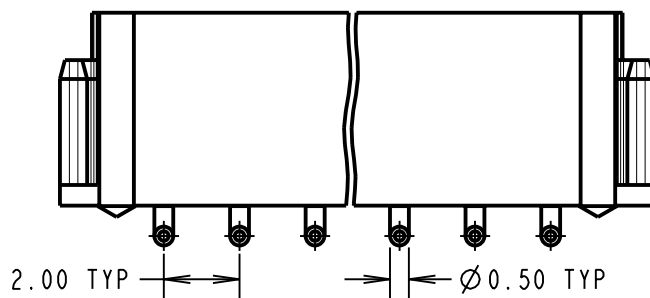
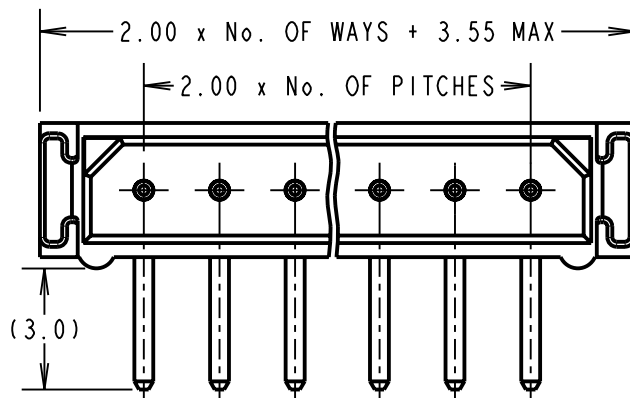
DURABILITY = 500 OPERATIONS

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 M80-843XXXX CONNECTORS.

BRITISH STANDARD ORDER CODE:

B5743-1XX-M-L-X

TOTAL No. OF WAYS

02 - 07, 17, 22

FINISH:

0 = SELECTIVE GOLD

2 = GOLD

ORDER CODE:

M80-878XXXX

TOTAL No. OF WAYS

02 - 07, 17, 22.

FINISH:

05 = GOLD

22 = SELECTIVE GOLD & TIN/LEAD

CP	13	01.10.09	10303
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W.J.BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.**TOLERANCES**X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mmANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²**TITLE:**DATAMATE SIL
HORIZONTAL MALE PC TAIL
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-878XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8780722](#) [M80-8780622](#) [M80-8780422](#) [M80-8781722](#) [B5743-117-M-L-0](#) [B5743-104-M-L-0](#) [B5743-102-M-L-0](#)
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