

Customer Information Sheet

DRAWING No.: M80-868XXXX

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:**22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS
05 = 0.75µ GOLD**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:

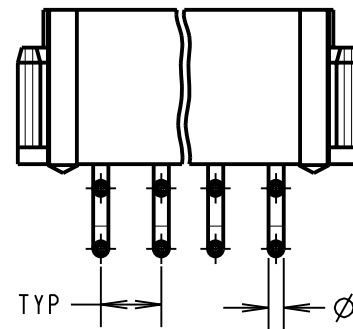
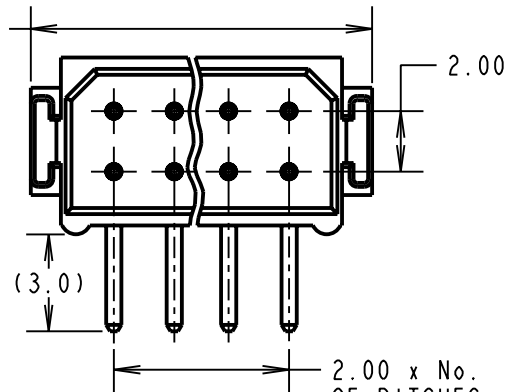
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)2.00 x No. OF WAYS
PER ROW + 3.55 MAX

2.00 TYP

Ø0.50 TYP

BRITISH STANDARD ORDER CODE:

B5743-2XX-M-L-X

TOTAL No. OF WAYS

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

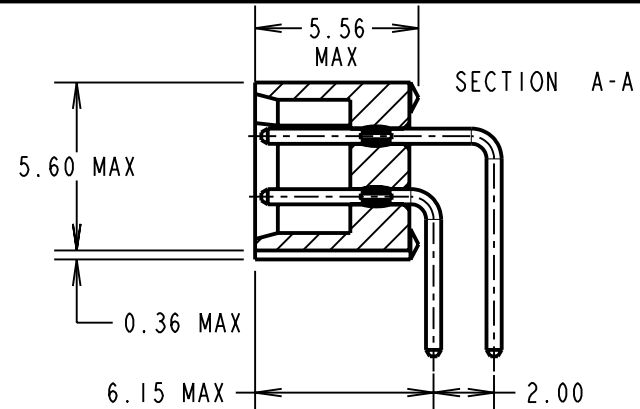
FINISH:

0 = SELECTIVE GOLD

2 = GOLD

NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006
ARE INCLUDED WITH EACH CONNECTOR
- FOR RoHS COMPLIANT EQUIVALENT PRODUCT
USE M80-841XXXX



2.25 TYP

2.00 x No. OF PITCHES
PER ROW

Ø0.80 MAX TYP

4 x Ø0.90 MIN TYP
STRAIN RELIEF
STRAP HOLES

2.00

0.50

2.00 TYP

4.75

RECOMMENDED
PCB LAYOUT

ORDER CODE:

M80-868XXXX

TOTAL No. OF WAYS

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

FINISH:

05 = GOLD

22 = SELECTIVE GOLD

CP	14	01.10.09	10303
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
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
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TOLERANCESX. = ±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 - UNLATCHED

DRAWING NUMBER:

M80-868XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8680822](#) [M80-8680422](#) [M80-8681622](#) [M80-8681205](#) [M80-8681822](#) [M80-8681422](#) [M80-8681222](#) [M80-8681022](#) [M80-8680622](#) [M80-8682022](#) [B5743-218-M-L-0](#) [B5743-208-M-L-0](#) [B5743-212-M-L-0](#) [B5743-216-M-L-0](#) [B5743-214-M-L-0](#) [B5743-210-M-L-0](#) [B5743-234-M-L-0](#) [B5743-204-M-L-0](#) [B5743-206-M-L-0](#) [B5743-226-M-L-0](#) [B5743-220-M-L-0](#) [M80-8681805](#) [M80-8680605](#) [M80-8683422](#) [M80-8682622](#) [M80-8684422](#) [M80-8681405](#) [B5743-208-M-L-2](#) [B5743-210-M-L-2](#) [B5743-206-M-L-2](#) [B5743-234-M-L-2](#)