

Customer Information Sheet

DRAWING No.: M80-790XXXX

SHEET 2 OF 2

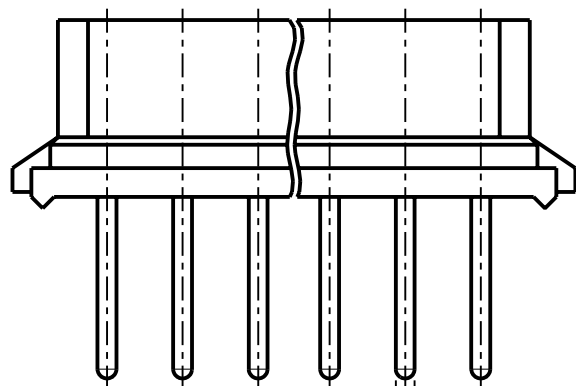
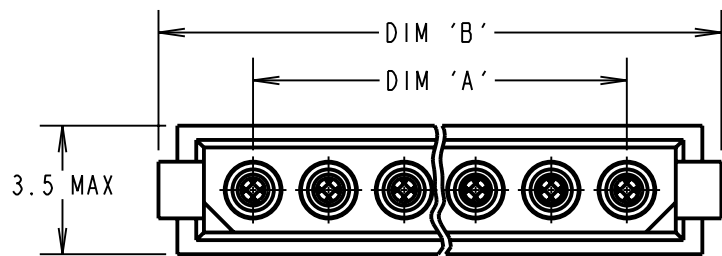
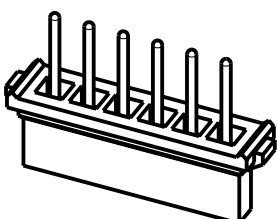
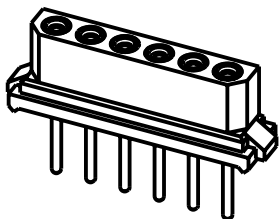
IF IN DOUBT - ASK

(C)

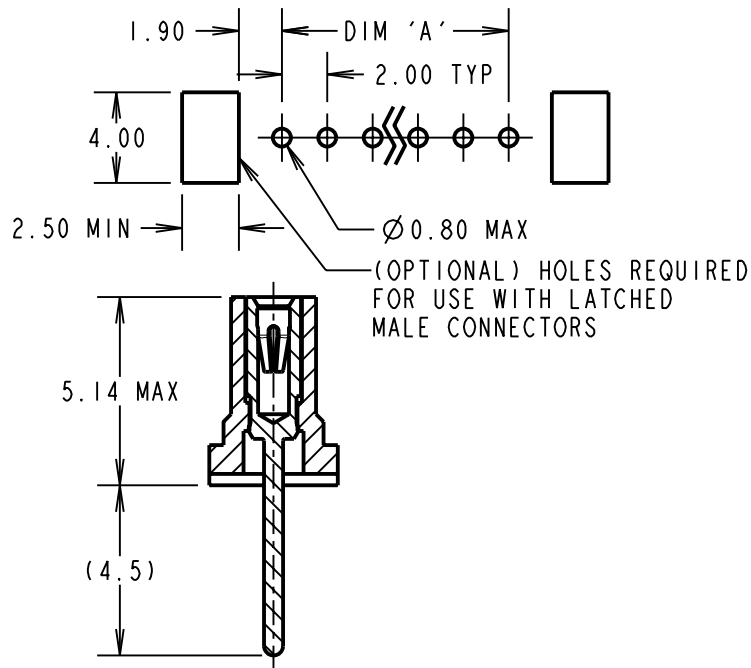
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

2.00 TYP
Ø0.50 TYP

RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46,
UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

01 = 0.3µ GOLD CLIP, 3.5-5.0µ TIN/LEAD SHELL

42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN SHELL

45 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX

WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

ORDER CODE:

M80-790XXXX

TOTAL No. OF CONTACTS

02, 03, 04, 05,
06, 07, 17, 22

FINISH

01 - GOLD CLIP, TIN/LEAD SHELL
42 - GOLD CLIP, 100% TIN SHELL
45 - GOLD CLIP, GOLD SHELL

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M80-79002XX	2	2.00	7.30
M80-79003XX	3	4.00	9.30
M80-79004XX	4	6.00	11.30
M80-79005XX	5	8.00	13.30
M80-79006XX	6	10.00	15.30
M80-79007XX	7	12.00	17.30
M80-79017XX	17	32.00	37.30
M80-79022XX	22	42.00	47.30

RA	2	01.10.09	10502
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ADDE	
CHECKED:		M.G.PLESTED	
DRAWN:		JM BROOKES	
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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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
SIL VERTICAL PC TAIL
FEMALE ASSEMBLY

DRAWING NUMBER:

M80-790XXXXSHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

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