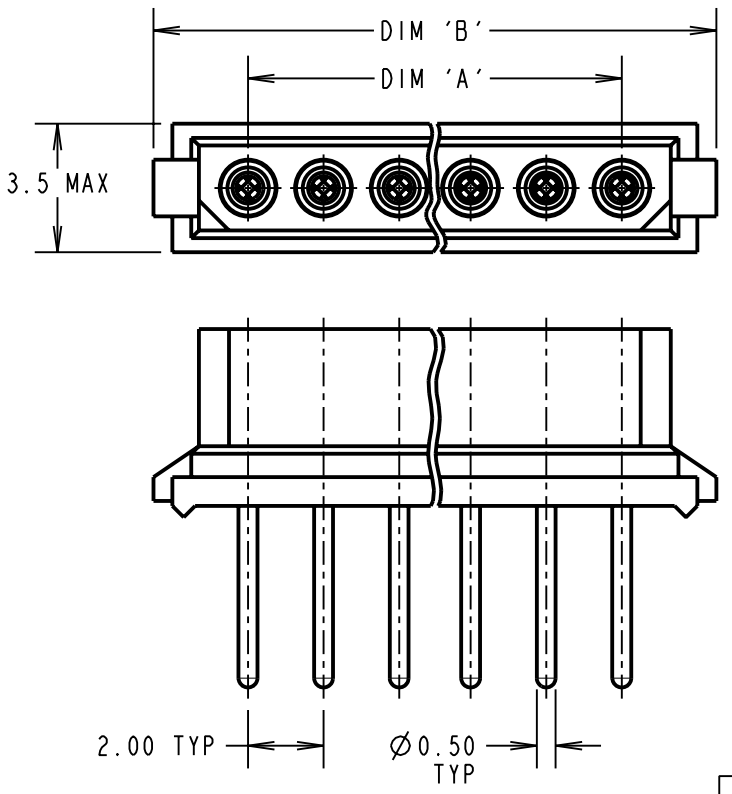
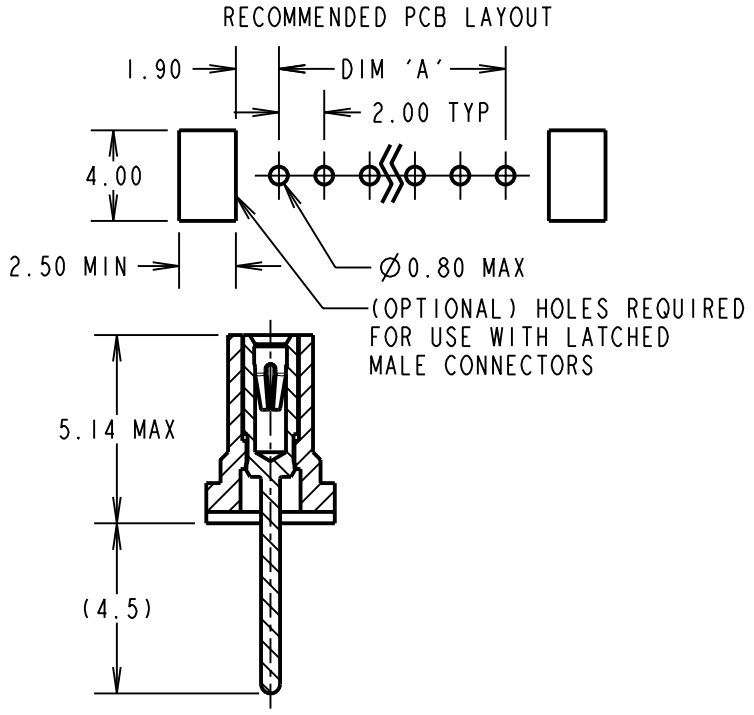
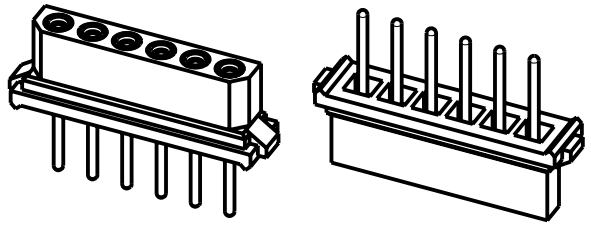
Customer Information Sheet

DRAWING No.: M80-790XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm







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)

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

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

NAME	ISS.	DATE	C/NOTE
RA	2	01.10.09	10502
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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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: **M80-790XXXX**

SHT 2 OF 2