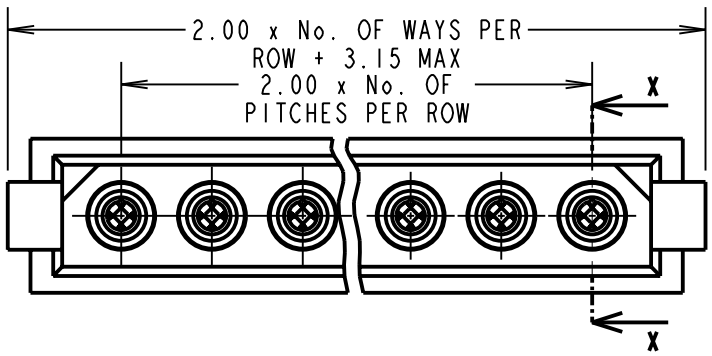
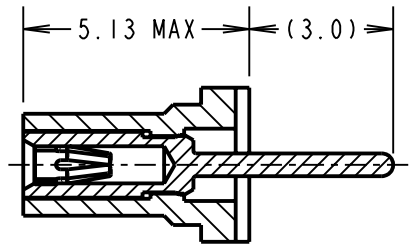
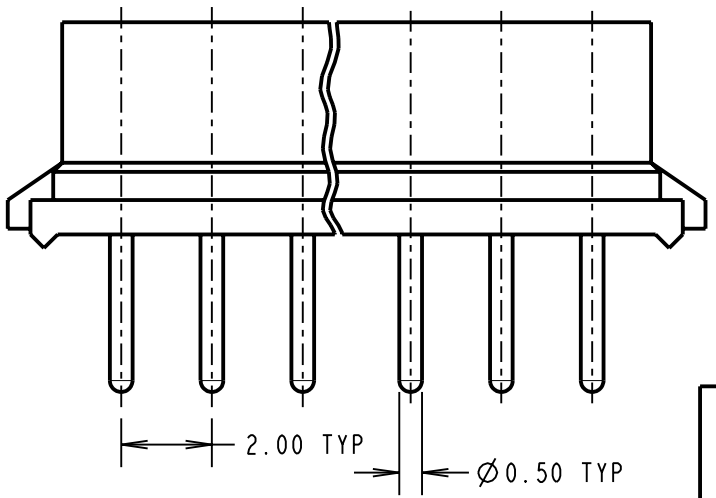
Customer Information Sheet

DRAWING No.: M80-897XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

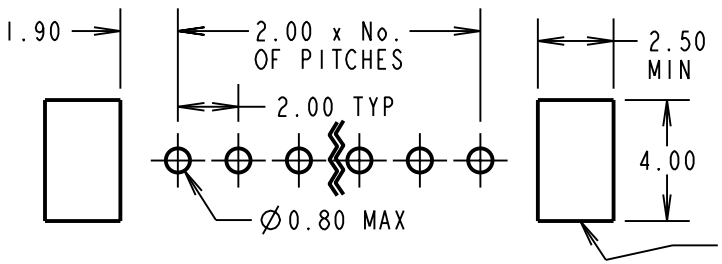




SECTION X-X



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:
- MATERIAL:
  - MOULDING = GLASS-FILLED POLYESTER, UL94V-0, BLACK
  - CONTACT CLIP = BERYLLIUM COPPER
  - CONTACT SHELL = BRASS
- FINISH:
  - 01 = 0.3µ GOLD CLIP, 3.5-5.0µ TIN/LEAD SHELL
  - 05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL
  - T6 = 1.3µ TIN/LEAD CLIP, 4µ TIN/LEAD 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:

M80-897XXXX

TOTAL No. OF WAYS:
02 TO 07, 17 & 22

FINISH
01 = GOLD CLIP, TIN/LEAD SHELL
05 = GOLD CLIP, GOLD SHELL
T6 = TIN/LEAD CLIP & SHELL

BRITISH STANDARD
ORDER CODE: TO BS9525 F0033

B5741-1XX-F-T-X

TOTAL No. OF WAYS
02 TO 07, 17 & 22

FINISH:
0 = GOLD CLIP, TIN/LEAD SHELL
2 = GOLD CLIP, GOLD SHELL

RA	11	05.10.09	10502
NAME	ISS.	DATE	C/NOTE

APPROVED:	R.ADDE
CHECKED:	M.G.PLESTED
DRAWN:	D.BECK
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 2mm PITCH SIL VERTICAL PC TAIL SOCKET ASSEMBLY

DRAWING NUMBER: **M80-897XXXX**

SHT 2 OF 2