

Customer Information Sheet

DRAWING No.: M80-897XXXX

SHEET 2 OF 2

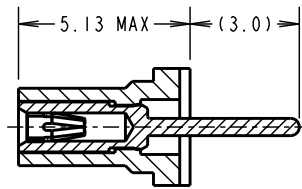
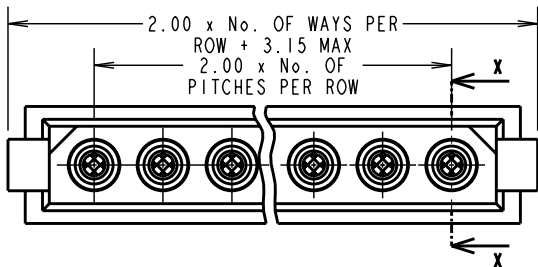
IF IN DOUBT - ASK

©

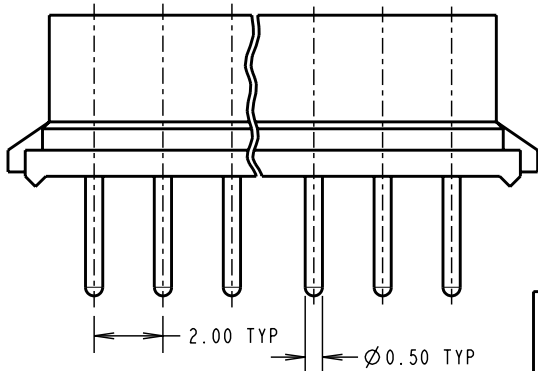
NOT TO SCALE

THIRD ANGLE PROJECTION

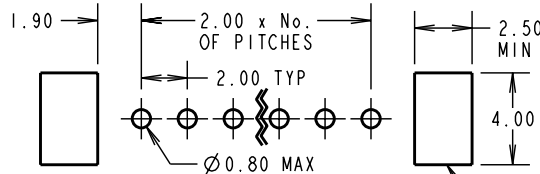
ALL DIMENSIONS IN mm



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)

(OPTIONAL) HOLE REQUIRED FOR USE WITH LATCHED MALE CONNECTORS

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

DRAWING NUMBER: M80-897XXXX

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