

Customer Information Sheet

DRAWING No.: M80-897XXXX

SHEET 2 OF 2

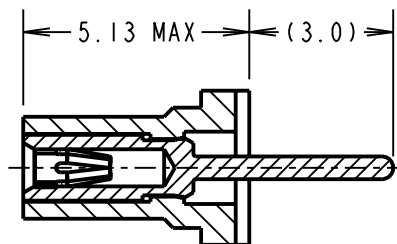
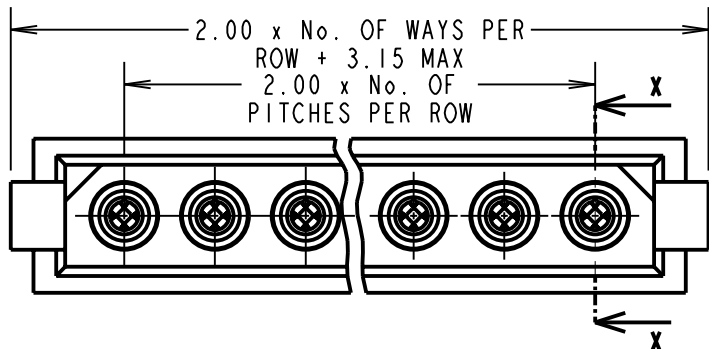
IF IN DOUBT - ASK

©

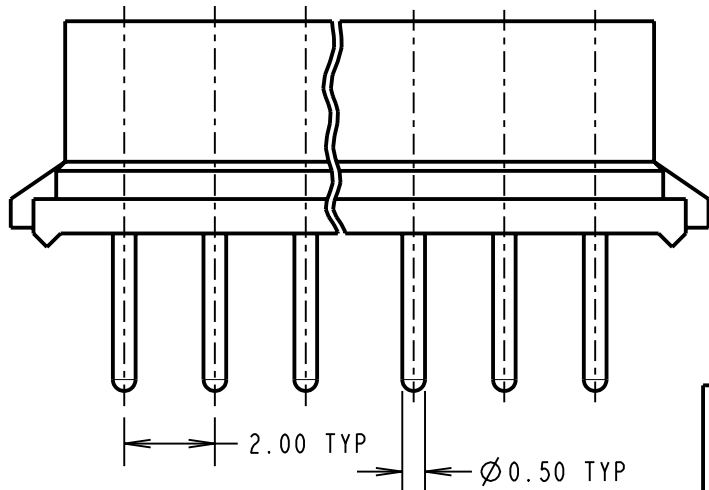
NOT TO SCALE

THIRD ANGLE PROJECTION

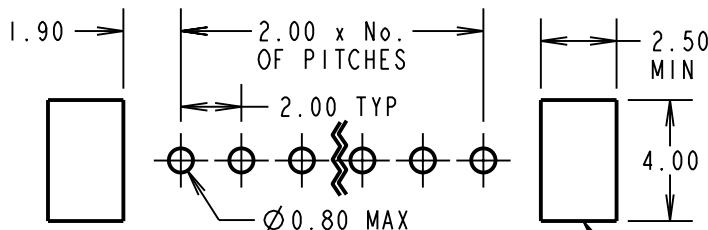
ALL DIMENSIONS IN mm



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	II	05.10.09	10502
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
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

SHT
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