

Customer Information Sheet

DRAWING No.: M80-897XXX

SHEET 2 OF 2

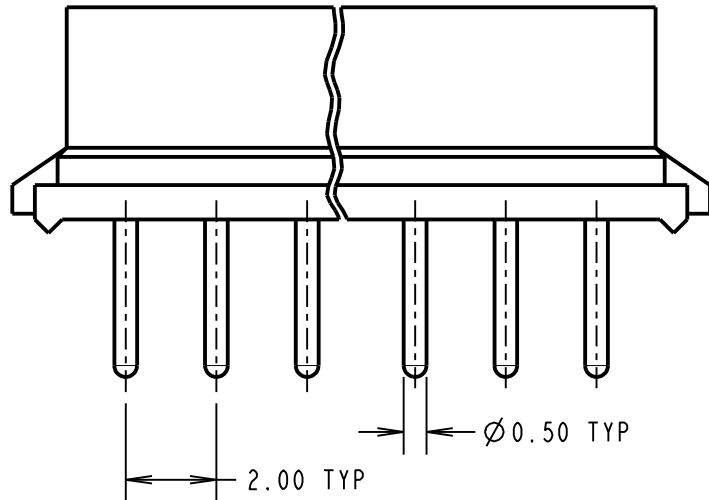
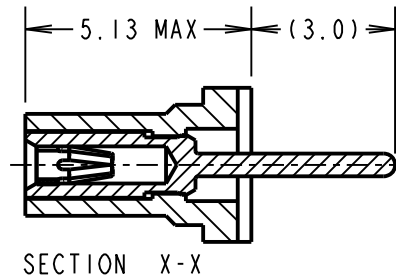
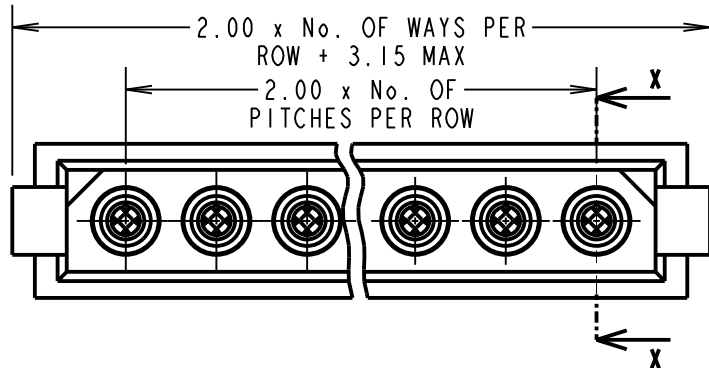
IF IN DOUBT - ASK

©

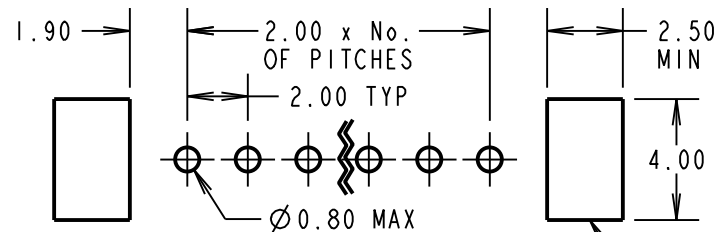
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB LAYOUT



(OPTIONAL) HOLE REQUIRED FOR USE WITH LATCHED MALE CONNECTORS

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = COPPER ALLOY

FINISH:

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

05 = 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 = 800V AC/DC

VOLTAGE PROOF = 1200V 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

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

SB	13	02.03.12	11672
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: D.BECK			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE 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 2mm PITCH
SIL VERTICAL PC TAIL
SOCKET ASSEMBLY

DRAWING NUMBER:

M80-897XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8972205](#) [M80-8972201](#) [M80-8970201](#) [M80-8970205](#) [M80-8970301](#) [M80-8970505](#) [M80-8971705](#) [M80-8971701](#) [M80-8970701](#) [M80-8970705](#) [M80-8970401](#) [M80-8970405](#) [M80-8970601](#) [M80-8970605](#) [B5741-117-F-T-0](#) [B5741-117-F-T-2](#) [B5741-104-F-T-0](#) [B5741-102-F-T-0](#) [B5741-106-F-T-0](#) [B5741-105-F-T-0](#) [B5741-107-F-T-0](#) [B5741-103-F-T-0](#) [B5741-103-F-T-2](#) [B5741-107-F-T-2](#) [B5741-105-F-T-2](#) [B5741-104-F-T-2](#) [B5741-102-F-T-2](#) [B5741-106-F-T-2](#) [M80-8970305](#) [M80-8970501](#)