

Customer Information Sheet

DRAWING No.: M80-897XXX

SHEET 2 OF 2

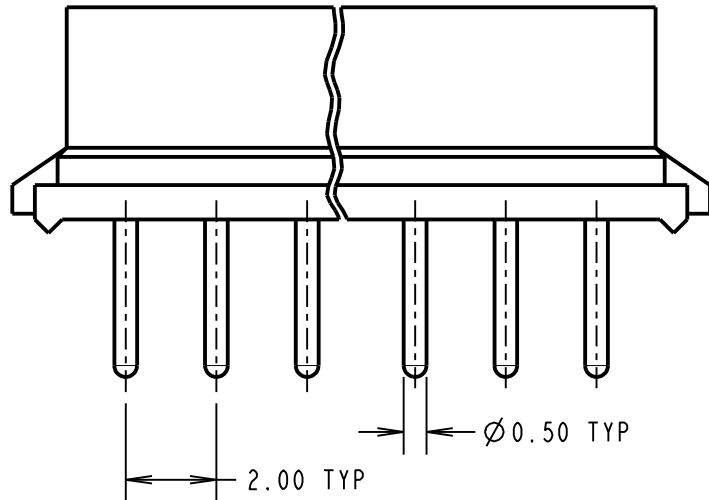
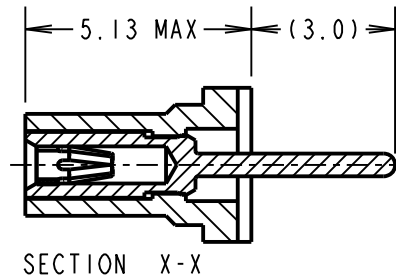
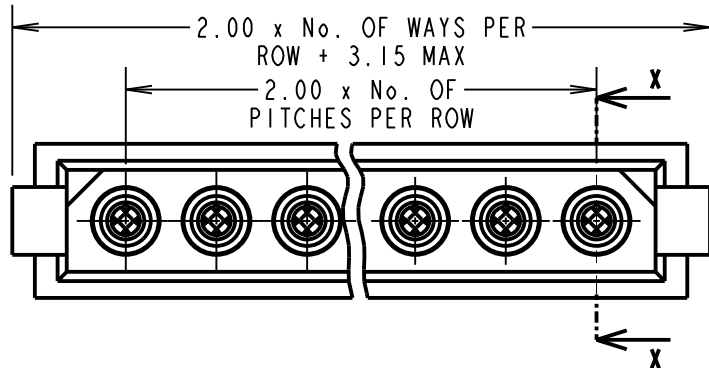
IF IN DOUBT - ASK

(C)

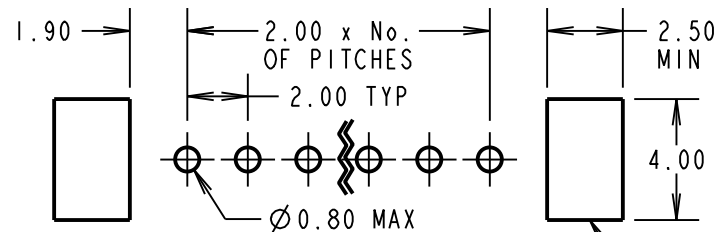
NOT TO SCALE

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

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technical@harwin.com

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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

Mouser Electronics

Authorized Distributor

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

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