

Customer Information Sheet

DRAWING No.: M80-707XXX

SHEET 2 OF 2

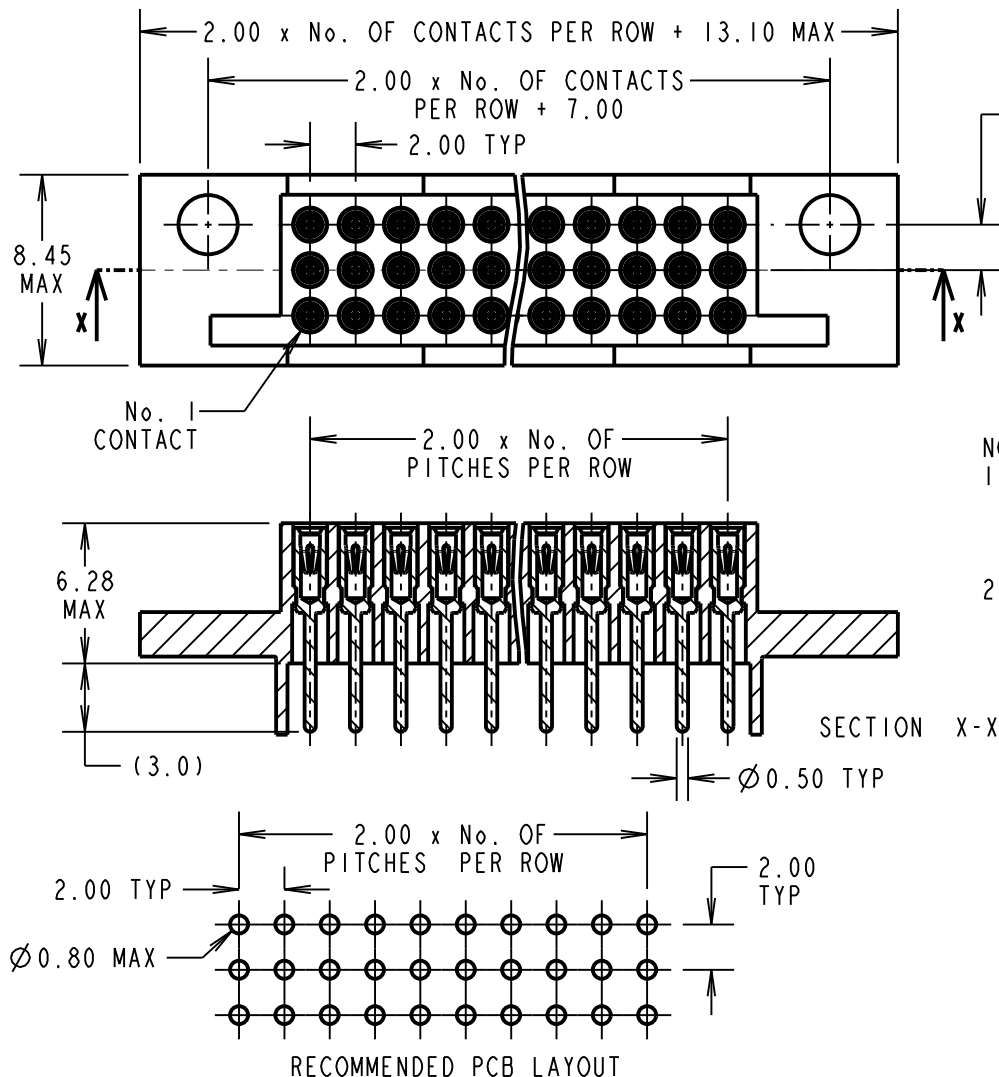
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT BODY = COPPER ALLOY

FINISH (ALL OVER NICKEL):

01 = 4μ TIN/LEAD BODY, 0.30μ GOLD CLIP

05 = 0.28μ GOLD BODY, 0.30μ GOLD CLIP

42 = 4μ 100% TIN BODY, 0.30μ GOLD CLIP

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE:

INITIAL = $20\text{m}\Omega$ MAX

AFTER CONDITIONING = $25\text{m}\Omega$ MAX

INSULATION RESISTANCE:

INITIAL = $1000\text{M}\Omega$ MIN

AFTER CONDITIONING = $100\text{M}\Omega$ MIN

MECHANICAL:

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO $+125^\circ\text{C}$

PACKING: TRAYS

NOTES:

1. FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM LEFT TO RIGHT AND FROM BOTTOM ROW TO TOP ROW (SEE ABOVE).
2. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE).

ORDER CODE: **M80-707XXX**

TOTAL No. OF CONTACTS: _____
27, 36, 45, 51, 63

FINISH:

01 = TIN/LEAD SHELL, GOLD CLIP

05 = GOLD SHELL, GOLD CLIP

42 = 100% TIN SHELL, GOLD CLIP

POTTING WALLS

BLANK = POTTING WALLS REMOVED

A = POTTING WALLS RETAINED

SM	7	14.07.11	11343
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

3-ROW DATAMATE
FEMALE VERTICAL PC TAIL
ASSEMBLY

DRAWING NUMBER:

M80-707XXX

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7025122](#) [M80-7076305](#) [M80-7073601](#) [M80-7073605](#) [M80-7072701](#) [M80-7076301](#) [M80-7074505](#) [M80-7023642](#) [M80-7024542](#) [M80-7072705](#) [M80-7023622](#) [M80-7075101](#) [M80-7075105](#) [M80-7074501](#)