

Customer Information Sheet

DRAWING No.: M80-704XXX

SHEET 2 OF 2

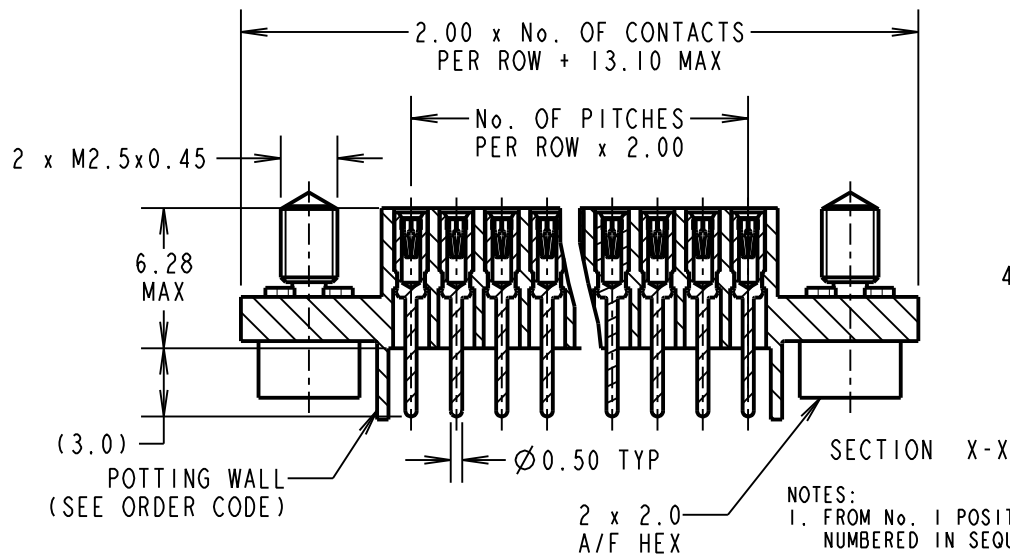
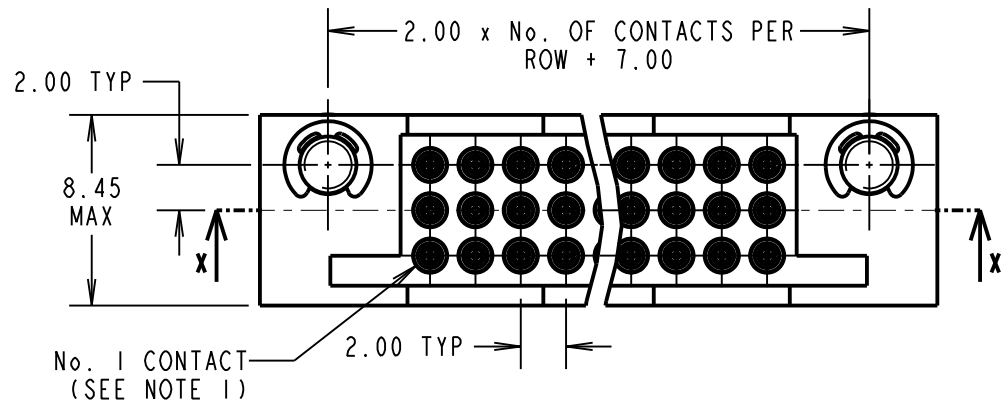
IF IN DOUBT - ASK

(C)

NOT TO SCALE

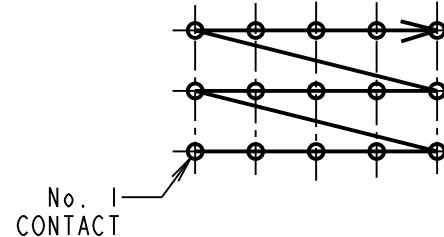
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

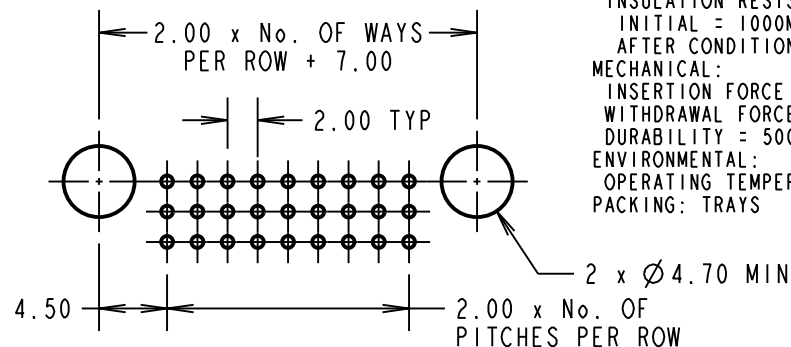


NOTES:

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



RECOMMENDED PCB LAYOUT



SPECIFICATION:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK
CONTACT CLIP = BERYLLIUM COPPER
CONTACT BODY = COPPER ALLOY
JACKSCREWS & CIRCLIP = STAINLESS STEEL
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 = 20mΩ MAX
AFTER CONDITIONING = 25mΩ MAX
INSULATION RESISTANCE:
INITIAL = 1000MΩ MIN
AFTER CONDITIONING = 100MΩ 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°C
PACKING: TRAYS

ORDER CODE:

M80-704XXX

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	9	15.07.11	11343
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: M.A.TODD			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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:

3-ROW DATAMATE
FEMALE PC TAIL SOCKET
ASSEMBLY + JACKSCREWS

DRAWING NUMBER:

M80-704XXX

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OF
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