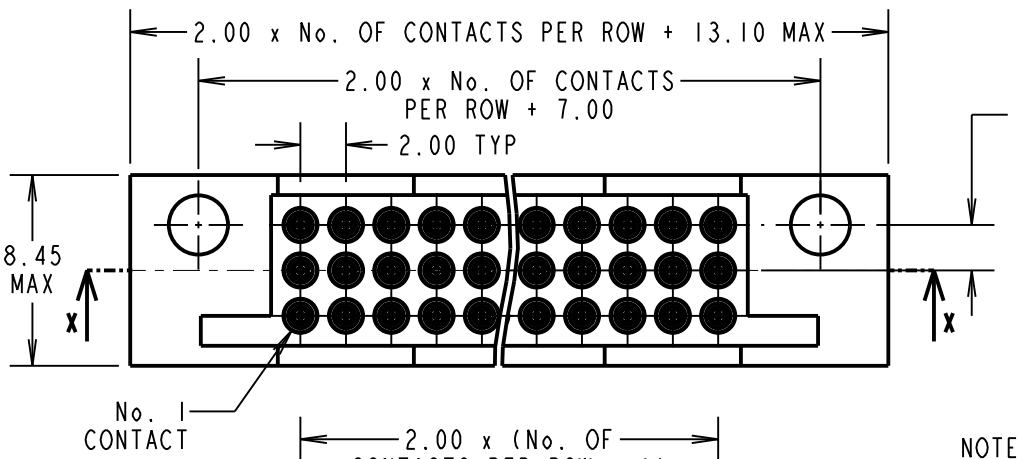
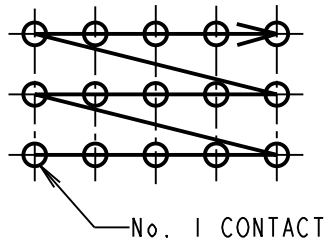
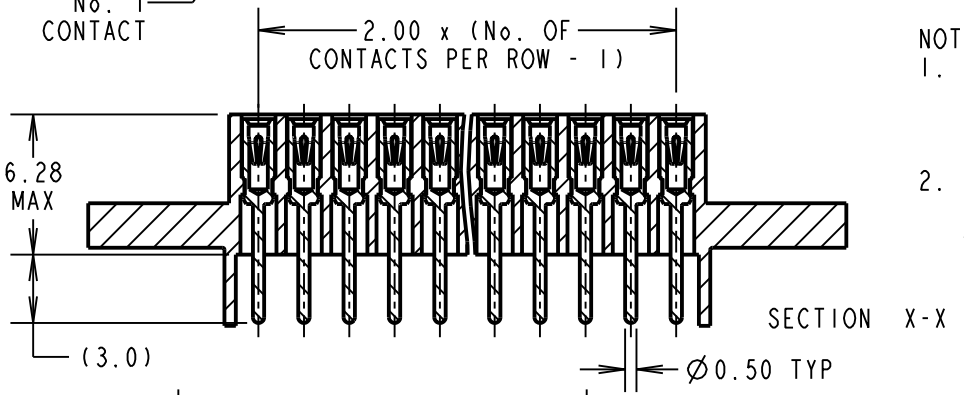
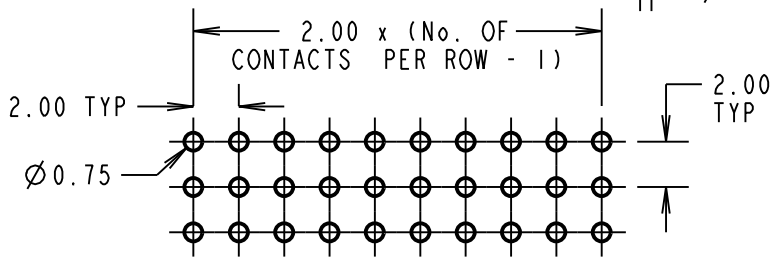
Customer Information Sheet

DRAWING No.: M80-707XXXX	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm









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).

SPECIFICATION:
MATERIAL:
MOULDING = POLYAMIDE 46 UL94V-0, BLACK
CONTACT CLIP = BERYLLIUM COPPER
CONTACT BODY = COPPER ALLOY
FINISH (ALL OVER NICKEL):
01 = 4µm TIN/LEAD BODY, 0.30µm GOLD CLIP
05 = 0.28µm GOLD BODY, 0.30µm GOLD CLIP
42 = 4µm 100% TIN BODY, 0.30µm 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: **M80-707XXXX**

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

MGP	8	03.03.21	22283
NAME	ISS.	DATE	CN/CO

APPROVED: MGP
CHECKED: RTP
DRAWN: W. J. BOURNE
CUSTOMER REF.:
ASSEMBLY DRG:

HARWIN
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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 3-ROW DATAMATE FEMALE VERTICAL PC TAIL ASSEMBLY

DRAWING NUMBER: **M80-707XXXX**

SHT 2 OF 2