

Customer Information Sheet

DRAWING No.: M80-828XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = G-F PPS UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

- 22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS
- 42 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 100% TIN OVER NICKEL ON TAILS
- 45 = 0.75µ GOLD ALL OVER
- LATCH = 1.25µ NICKEL

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 (INITIAL) = 20mΩ MAX
- CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX
- INSULATION RESISTANCE (INITIAL) = 1,000MΩ MIN
- INSULATION RESISTANCE (AFTER CONDITIONING) = 100MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

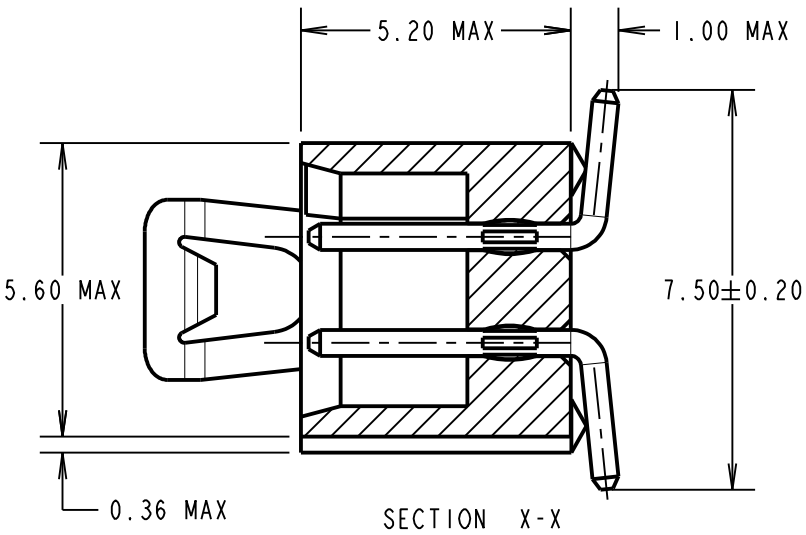
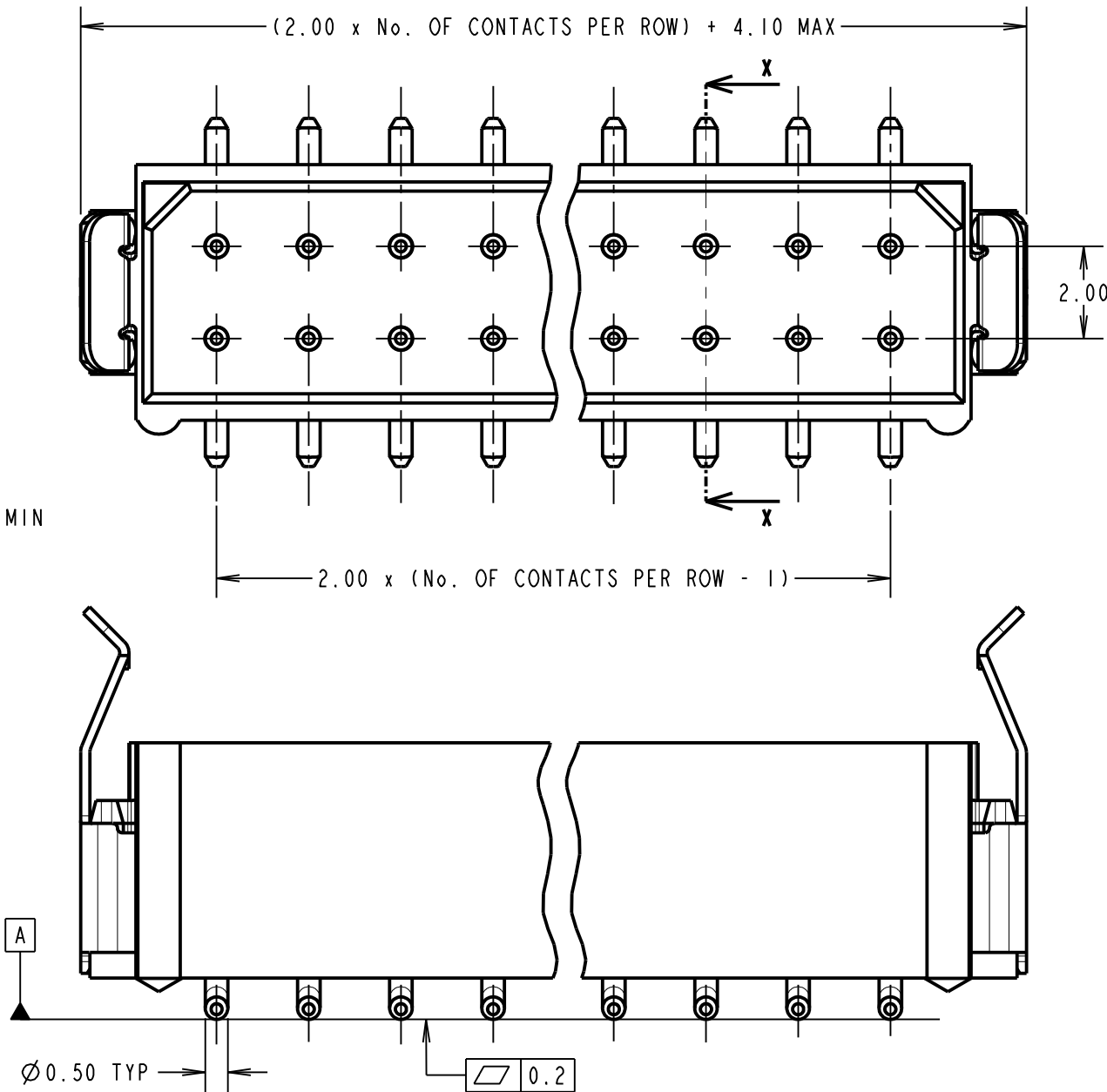
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

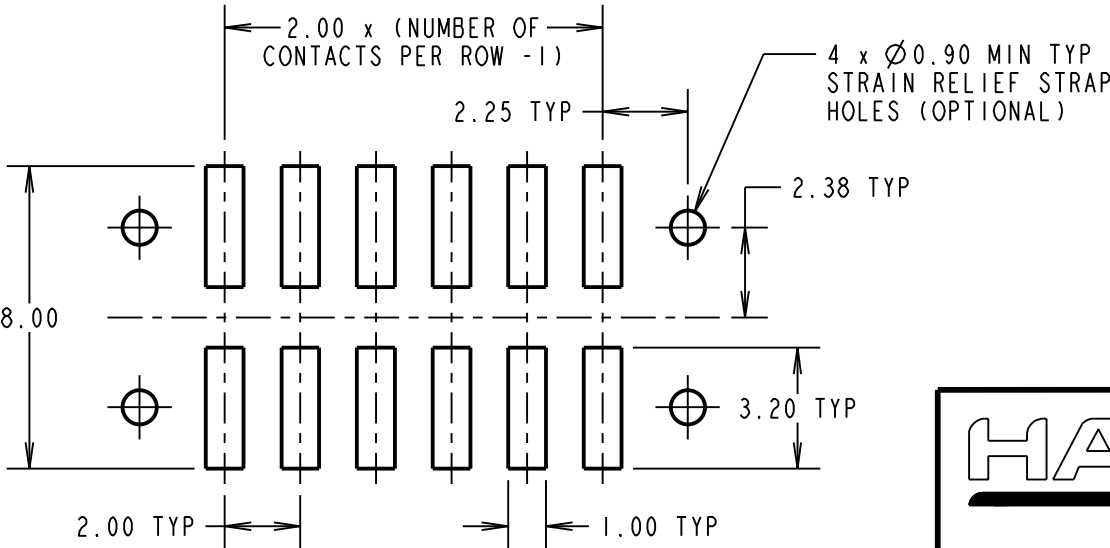
PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



RECOMMENDED PCB LAYOUT



NOTES:
1. 2-OFF STRAIN-RELIEF STRAPS M80-0030006 MAY BE USED WITH THIS CONNECTOR.

ORDER CODE:
M80-828XXXX

TOTAL No. OF CONTACTS:
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34

FINISH:
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN
45 - GOLD

MSP	14	25.11.15	12814
NAME	ISS.	DATE	C/NOTE
APPROVED:	M.PERREN		
CHECKED:	S.BENNETT		
DRAWN:	A.LIOTTA		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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

TITLE: DATAMATE L-TEK
MALE DIL VERTICAL SMT
ASSEMBLY - LATCHED
DRAWING NUMBER:
M80-828XXXX

SHT
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