

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:

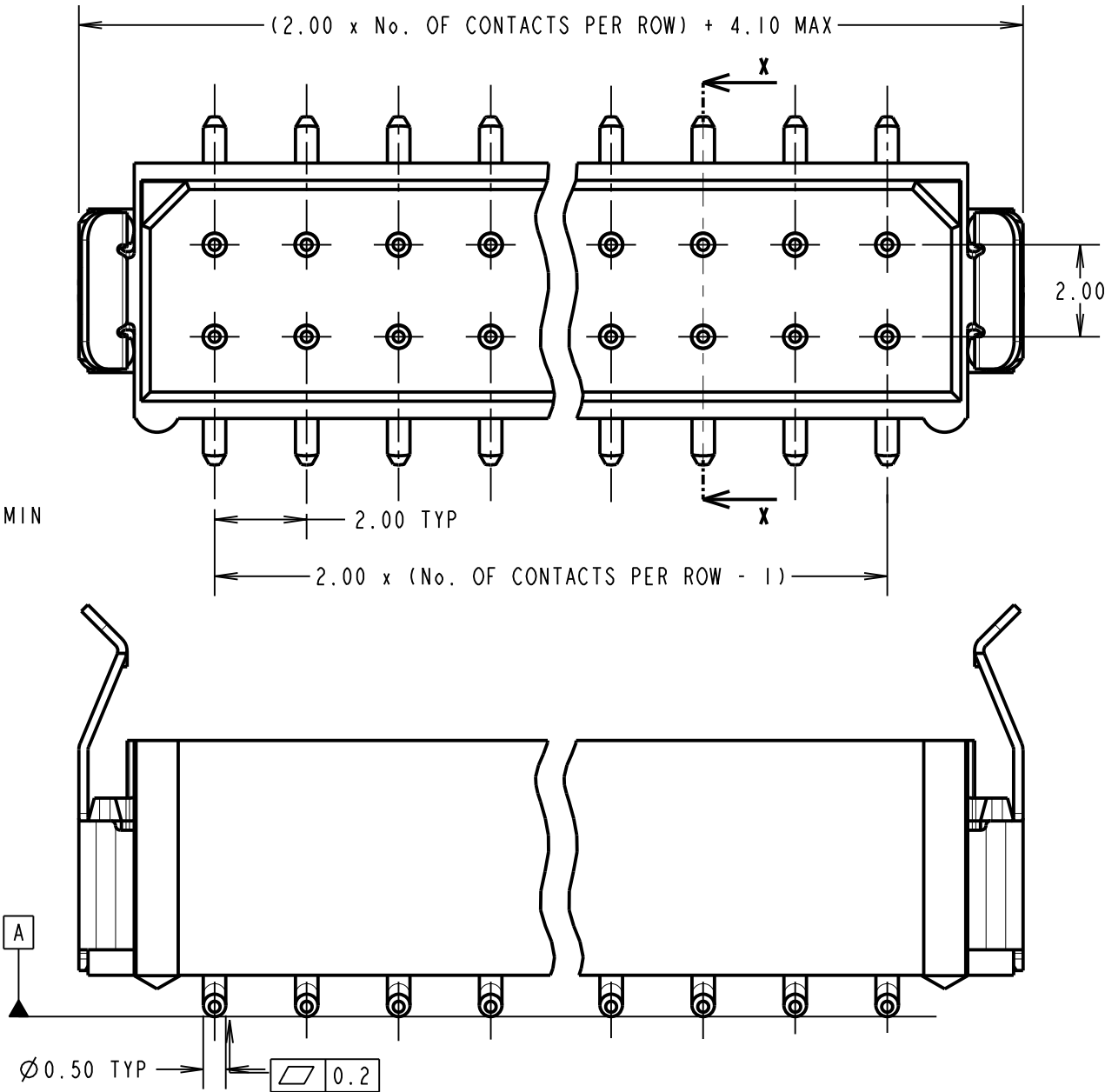
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

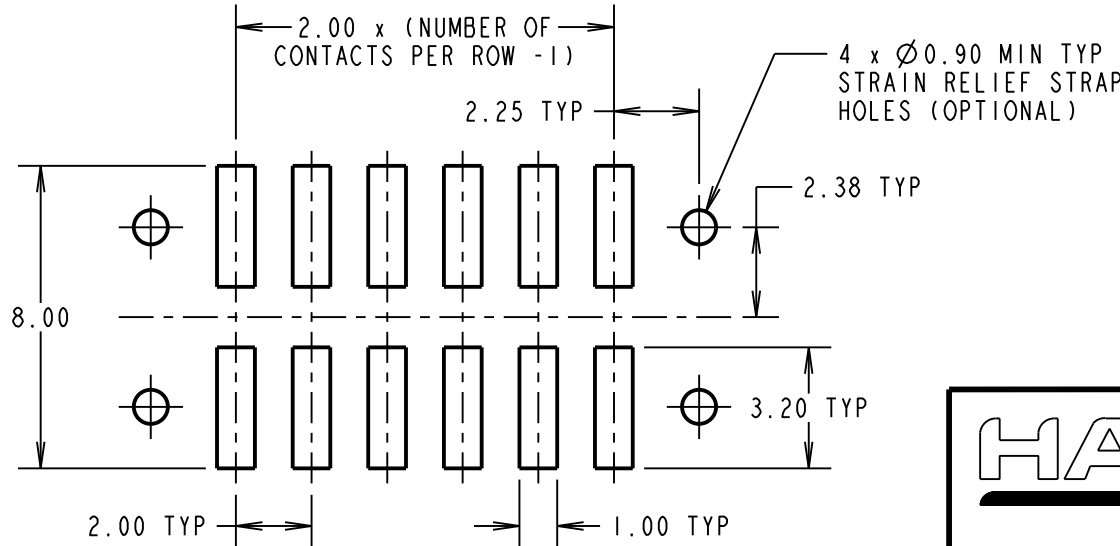
TUBE

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, 44

FINISH:

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

SB	14	19.03.14	12414
NAME	ISS.	DATE	C/NOTE
APPROVED:	S.BENNETT		
CHECKED:	M.PLESTED		
DRAWN:	A.LIOTTA		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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 L-TEK
MALE DIL VERTICAL SMT
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-828XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

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