

Customer Information Sheet

DRAWING No.: M80-827XXXX

SHEET 2 OF 2

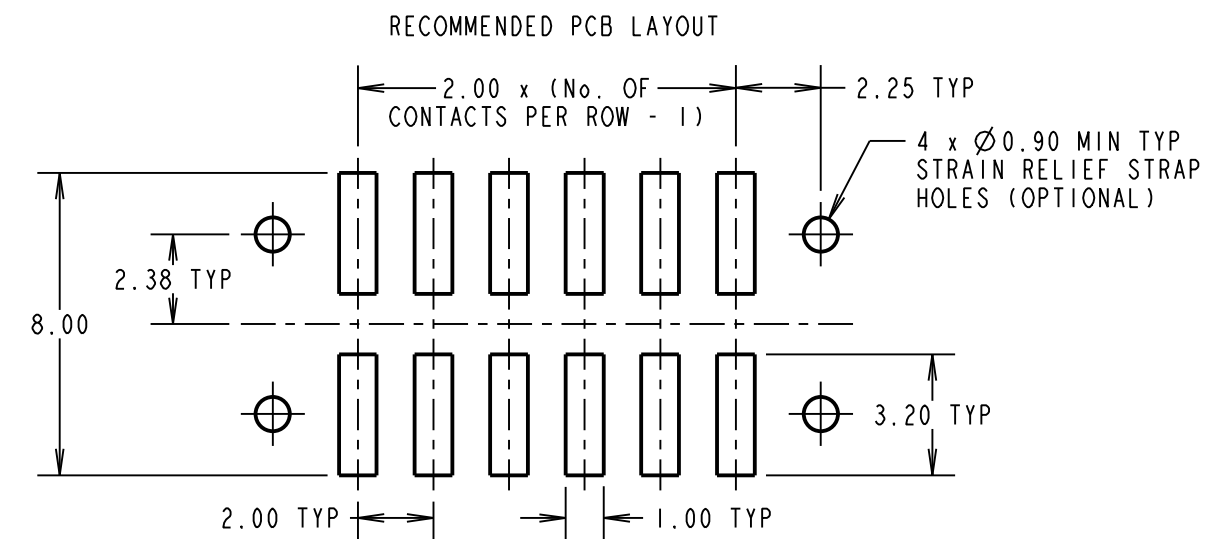
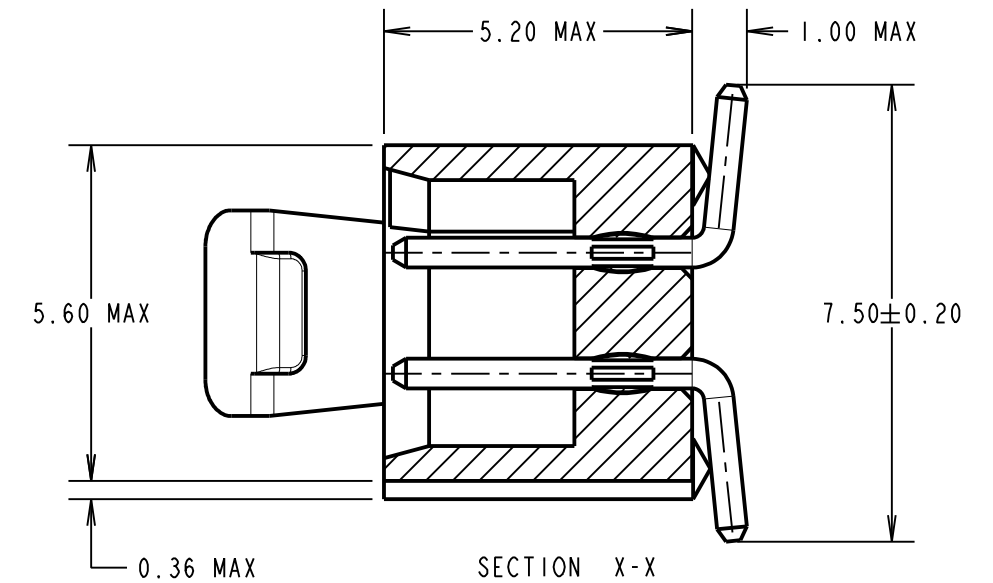
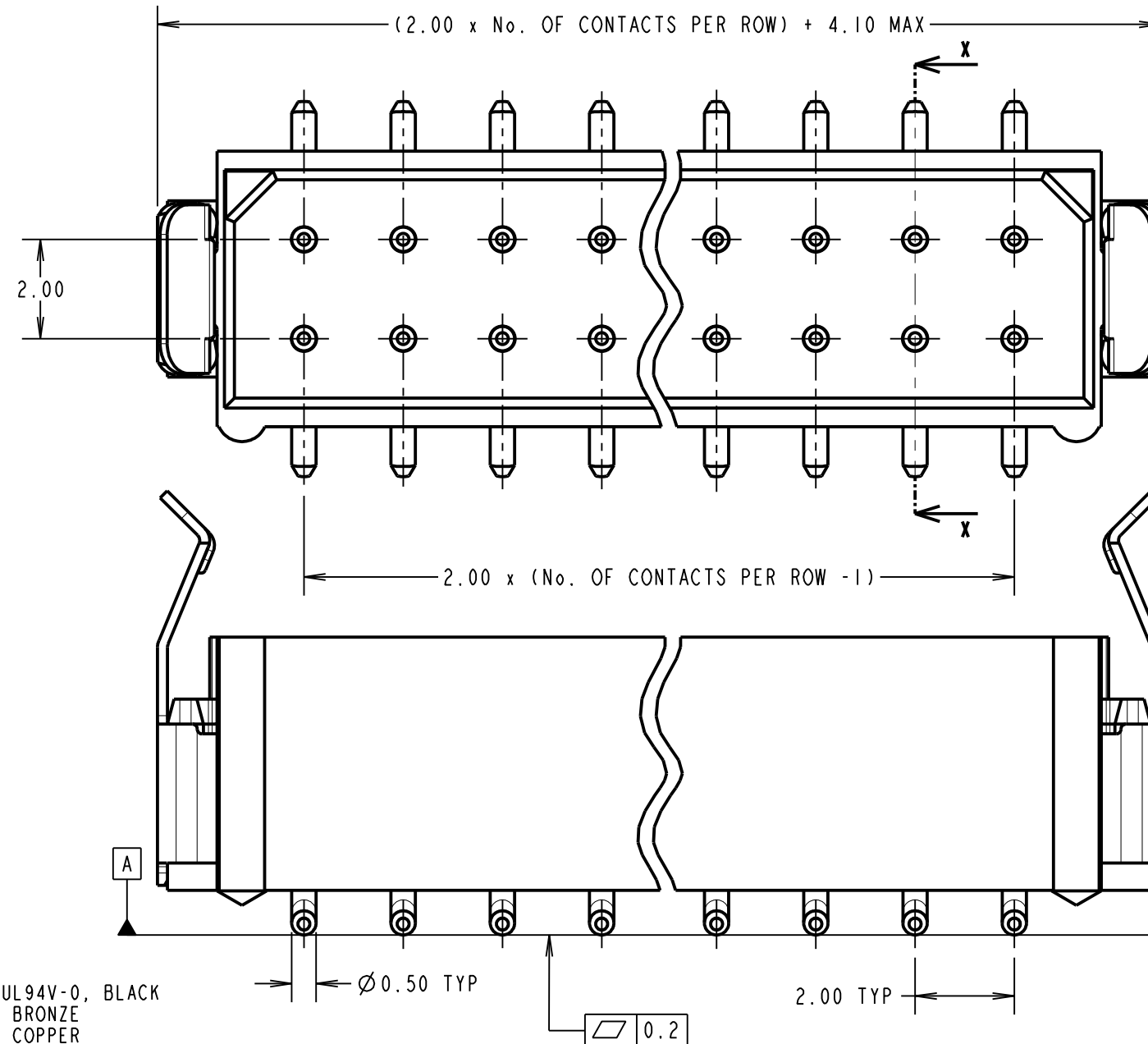
IF IN DOUBT - ASK

(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)

NOTES:

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

ORDER CODE:

M80-827XXXX

No. OF WAYS
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	8	21.12.15	12814
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: J.EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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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 - FRICTION LATCH

DRAWING NUMBER:

M80-827XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8273442](#) [M80-8272022](#) [M80-8271442](#) [M80-8271042](#) [M80-8271022](#) [M80-8270642](#) [M80-8271642](#) [M80-8270442](#) [M80-8270842](#) [M80-8270822](#) [M80-8271242](#) [M80-8271222](#) [M80-8272642](#) [M80-8271842](#) [M80-8274422](#)
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