

Customer Information Sheet

DRAWING No.: M80-836XXXX

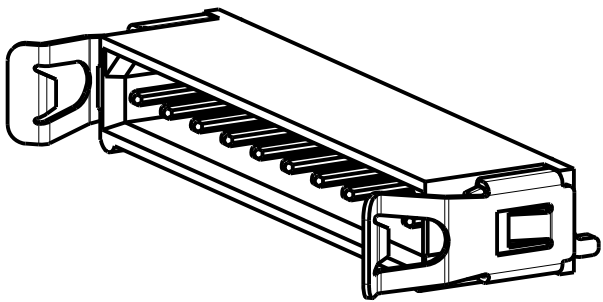
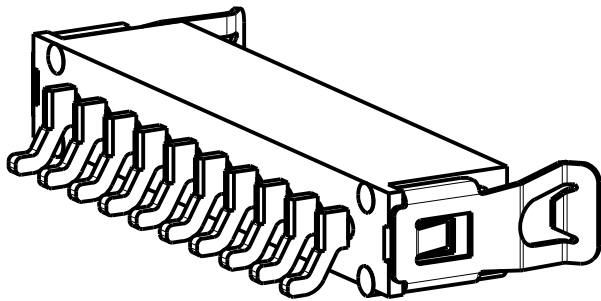
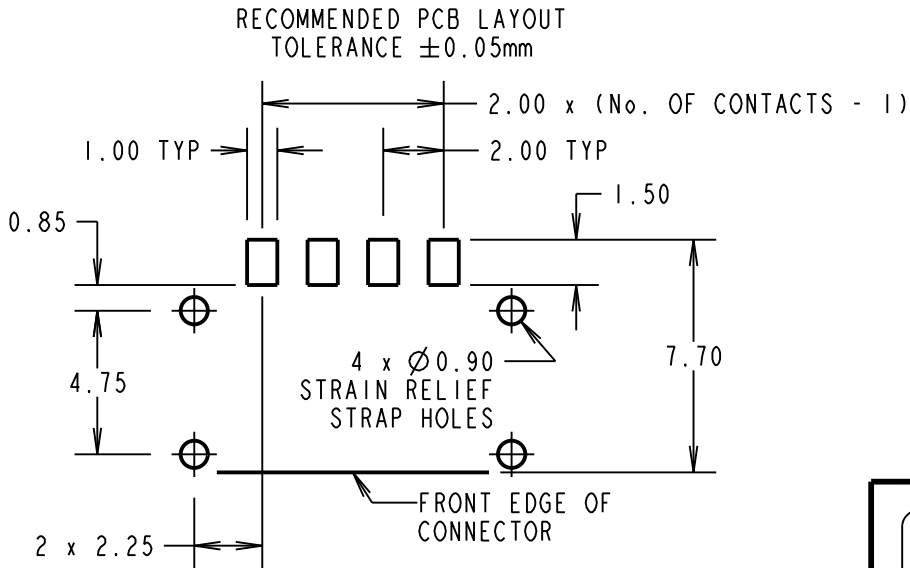
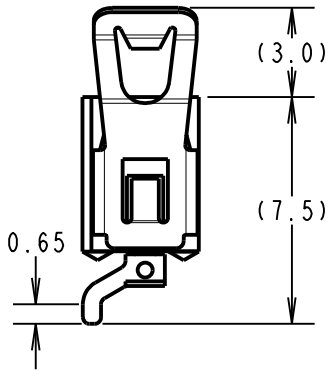
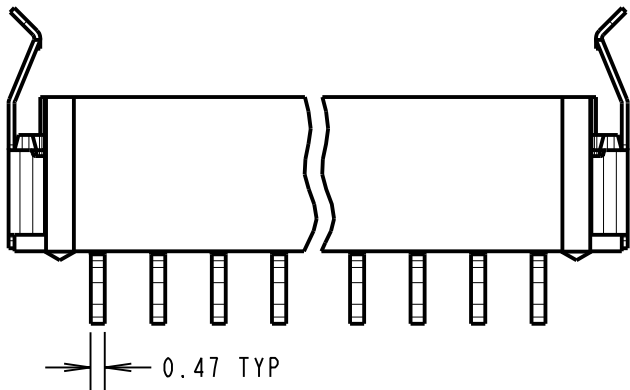
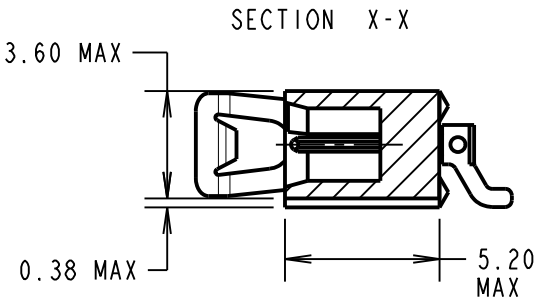
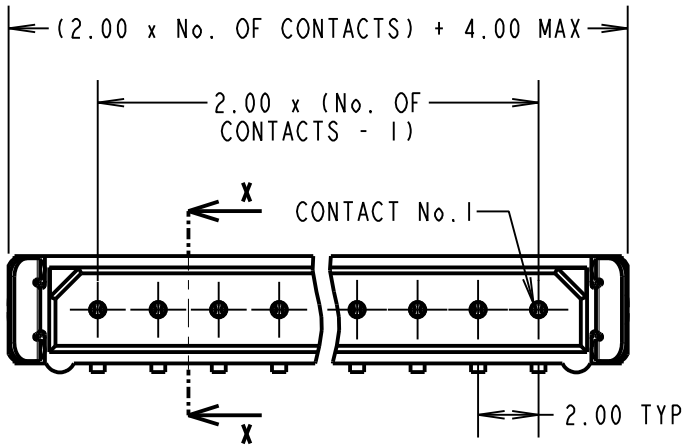
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT = BRASS

LATCH = COPPER ALLOY

FINISH:

CONTACT:

22 = $0.75\mu\text{m}$ GOLD ON CONTACT AREA,
 $0.3\mu\text{m}$ 90/10 TIN/LEAD ON TAILS

42 = $0.75\mu\text{m}$ GOLD ON CONTACT AREA,
 $0.3\mu\text{m}$ 100% TIN OVER NICKEL ON TAILS

45 = $0.75\mu\text{m}$ GOLD

LATCH = 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 = $25\text{m}\Omega$ MAX

INSULATION RESISTANCE = $100\text{M}\Omega$ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^{\circ}\text{C}$

PACKING:

TUBE, 2-OFF M80-0030006 STRAIN RELIEF STRAPS
PER CONNECTOR IN BAG

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

ORDER CODE:
M80-836XXXX

No. OF CONTACTS
02 - 07, 17, 22

FINISH
22 - GOLD, 90/10 TIN/LEAD
42 - GOLD, 100% TIN OVER NICKEL
45 - GOLD

MGP	5	21.07.21	30679
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = $\pm 1\text{mm}$

X.X = $\pm 0.50\text{mm}$

X.XX = $\pm 0.20\text{mm}$

X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^{\circ}$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: DATAMATE L-TEK
MALE SIL HORIZONTAL SMT
ASSEMBLY (LATCHED)

DRAWING NUMBER:

M80-836XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8360222](#) [M80-8360442](#) [M80-8360422](#) [M80-8360445](#) [M80-8360242](#)