

Customer Information Sheet

DRAWING No.: M80-828XXXXP

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-828XXXXP

TOTAL 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

SPECIFICATIONS:

MATERIAL:

MOULDING = G-F PPS UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES = BERYLLIUM COPPER
PICK/PLACE CAP = PHOSPHOR BRONZE

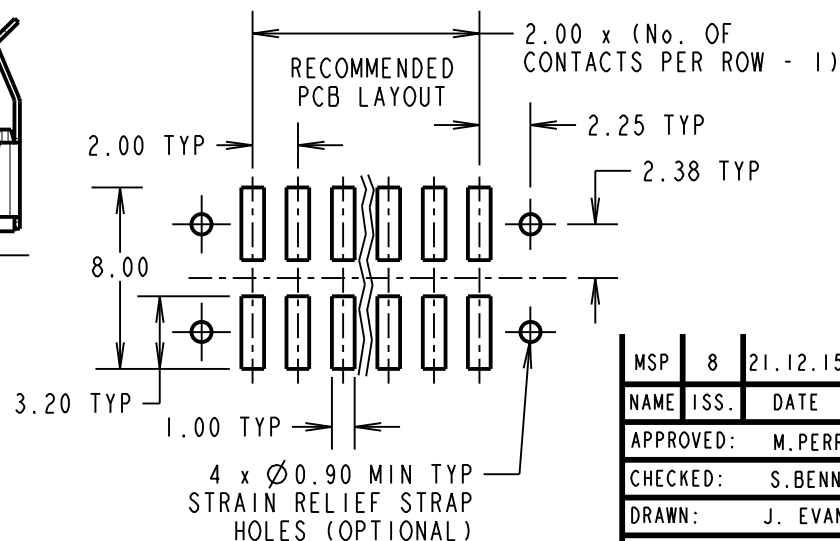
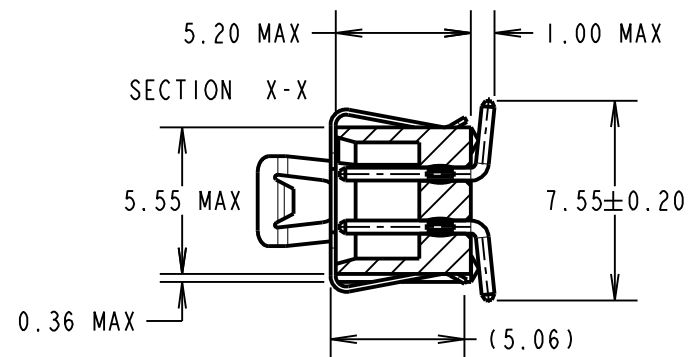
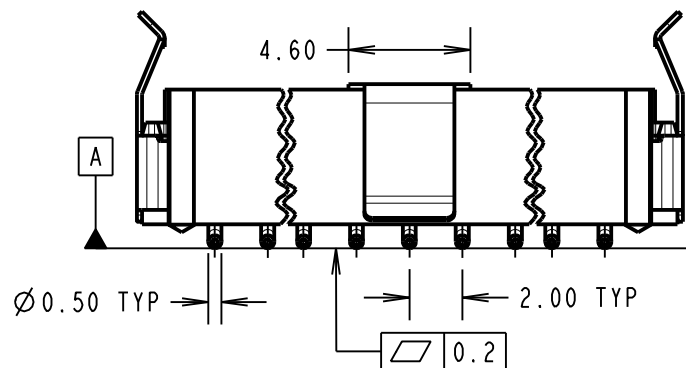
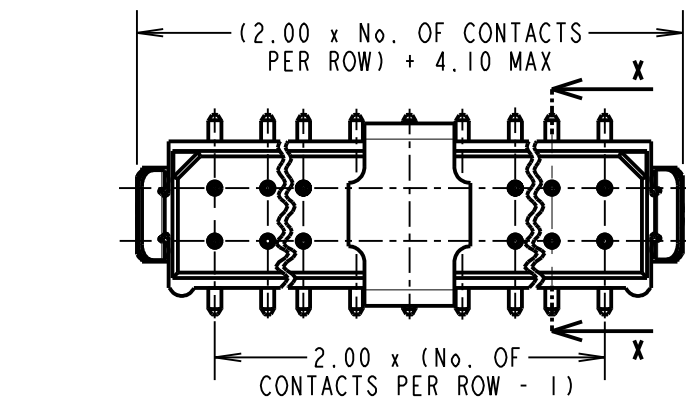
FINISH:

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



NOTES:

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

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

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

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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, P/PLACE

DRAWING NUMBER:

M80-828XXXXP

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

<u>M80-8281042P</u>	<u>M80-8281442P</u>	<u>M80-8280442P</u>	<u>M80-8280642P</u>	<u>M80-8280445P</u>	<u>M80-8280645P</u>	<u>M80-8280842P</u>
<u>M80-8281045P</u>	<u>M80-8281242P</u>	<u>M80-8281245P</u>	<u>M80-8281642P</u>	<u>M80-8281842P</u>	<u>M80-8282042P</u>	<u>M80-8282045P</u>
<u>M80-8282642P</u>	<u>M80-8282645P</u>	<u>M80-8283442P</u>	<u>M80-8281222P</u>	<u>M80-8282022P</u>	<u>M80-8283422P</u>	<u>M80-8280822P</u>
<u>M80-8282622P</u>	<u>M80-8281822P</u>	<u>M80-8281622P</u>	<u>M80-8281422P</u>	<u>M80-8281022P</u>	<u>M80-8280422P</u>	<u>M80-8280622P</u>