

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, 44

FINISH

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

SPECIFICATIONS:

MATERIAL:

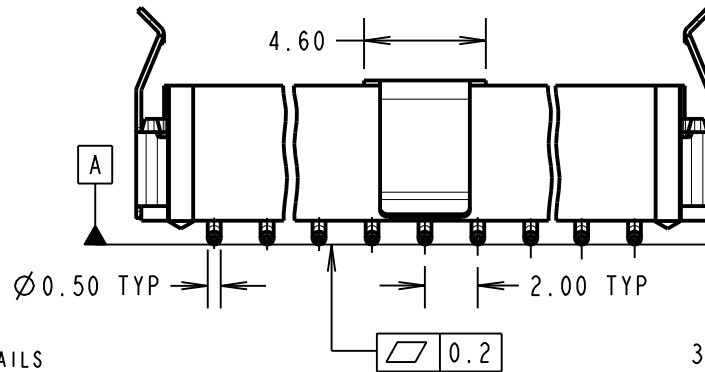
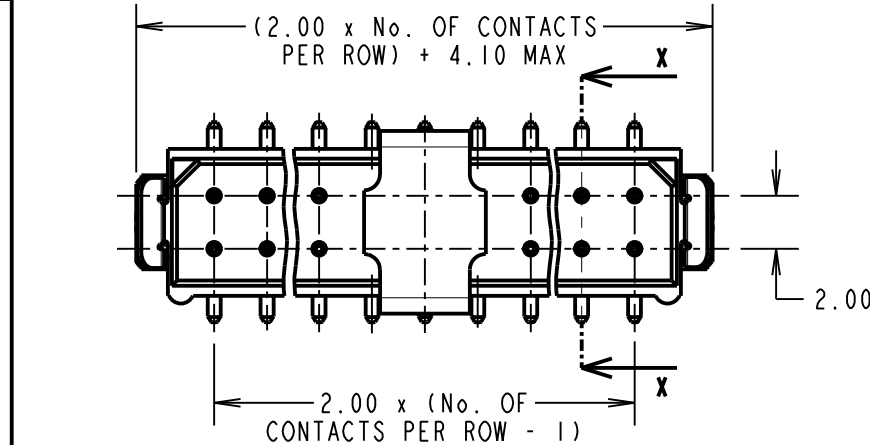
MOULDING = G-F PPS UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES = BERYLLIUM COPPER
PICK/PLACE CAP = PHOSPHOR BRONZE

FINISH:

CONTACTS:

22 = 0.75 μ GOLD ON CONTACT AREA,
3.0 μ 90/10 TIN/LEAD ON TAILS
42 = 0.75 μ GOLD ON CONTACT AREA,
3.0 μ 100% TIN OVER NICKEL ON TAILS
45 = 0.75 μ GOLD ALL OVER
LATCH = 1.25 μ 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) = 20 m Ω MAX
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX
INSULATION RESISTANCE (INITIAL) = 1,000 M Ω MIN
INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

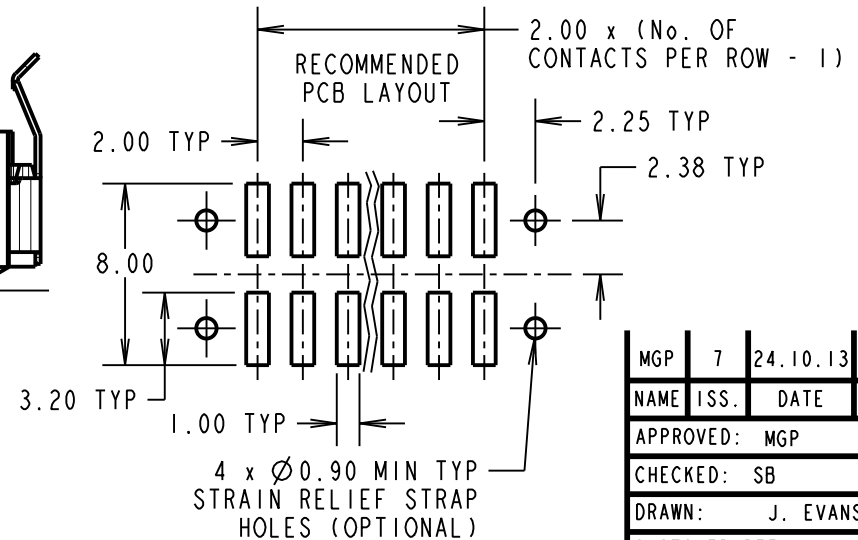
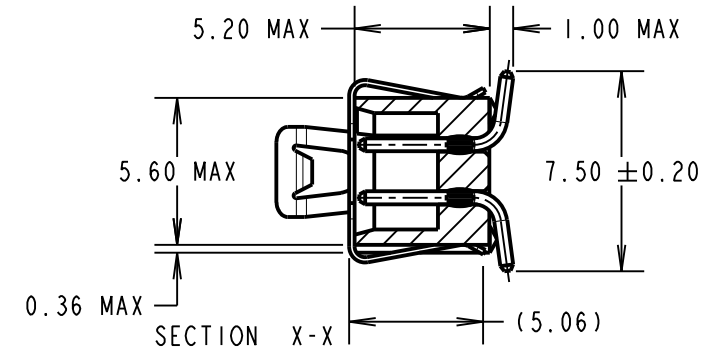
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



NOTES:

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

MGP	7	24.10.13	12232
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$ ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²TITLE: DATAMATE L-TEK
MALE DIL VERTICAL SMT
ASSEMBLY - LATCHED, P/PLACE

DRAWING NUMBER:

M80-828XXXXPSHT
2
OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8281042P](#) [M80-8281442P](#) [M80-8280442P](#)