

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 = POLYAMIDE 46 UL94V-0, BLACK
CONTACTS = PHOSPHOR BRONZE
LATCHES - BERYLLIUM COPPER

FINISH:

CONTACTS:

06 = 3.0µ 90/10 TIN/LEAD ALL OVER
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 ON TAILS
45 = 0.75µ GOLD ALL OVER
46 = 3.0µ 100% TIN 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 = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX
INSULATION RESISTANCE (INITIAL) = 1,000 MΩ MIN
INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

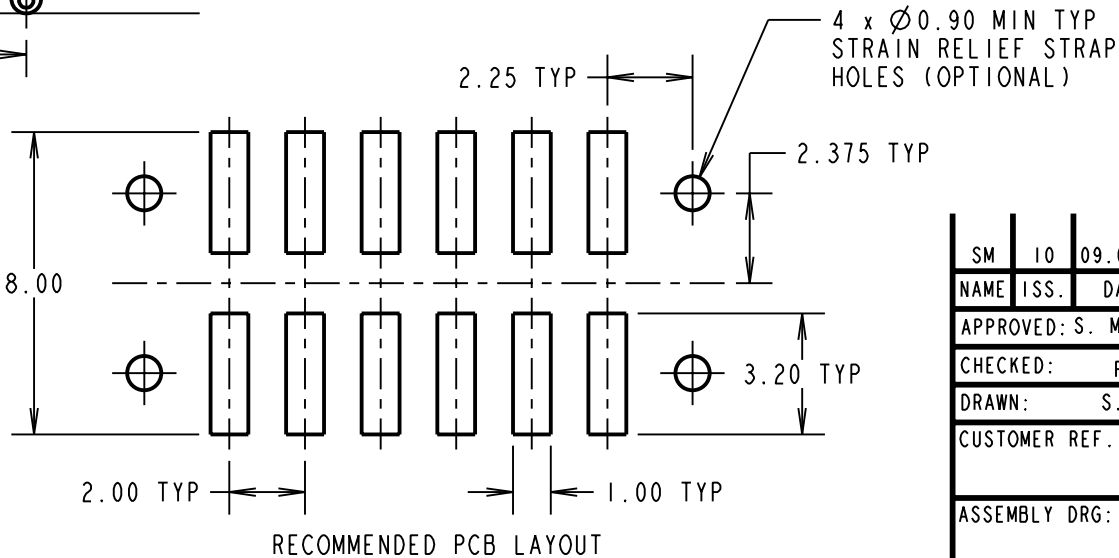
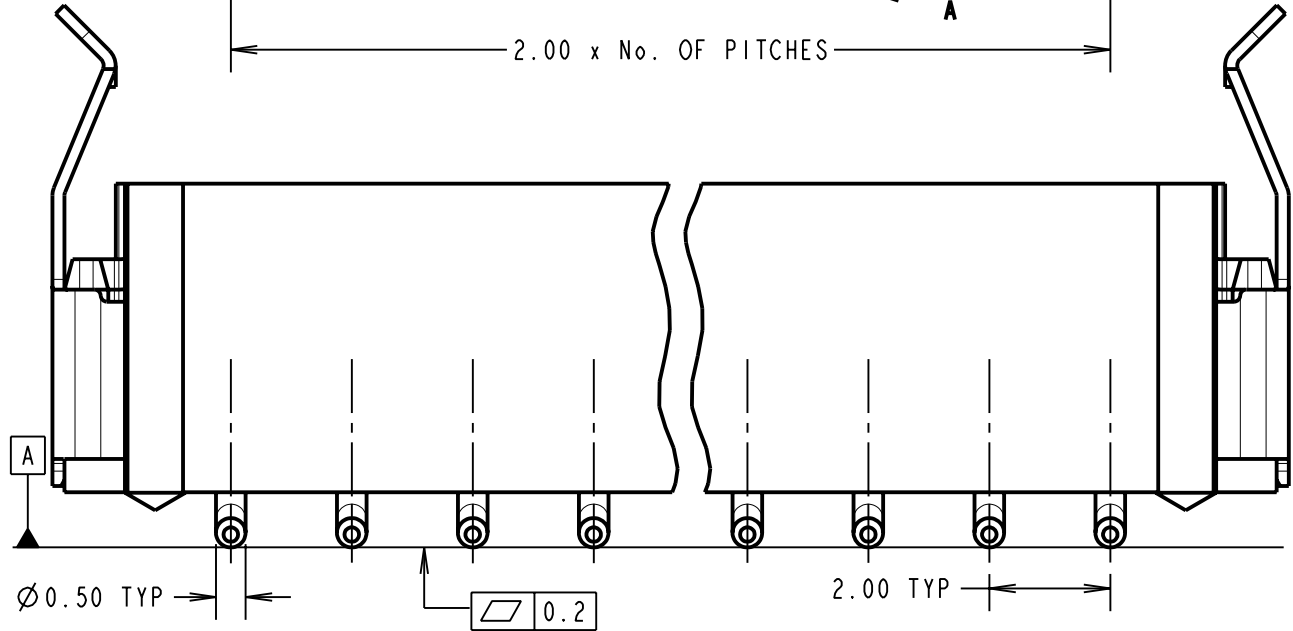
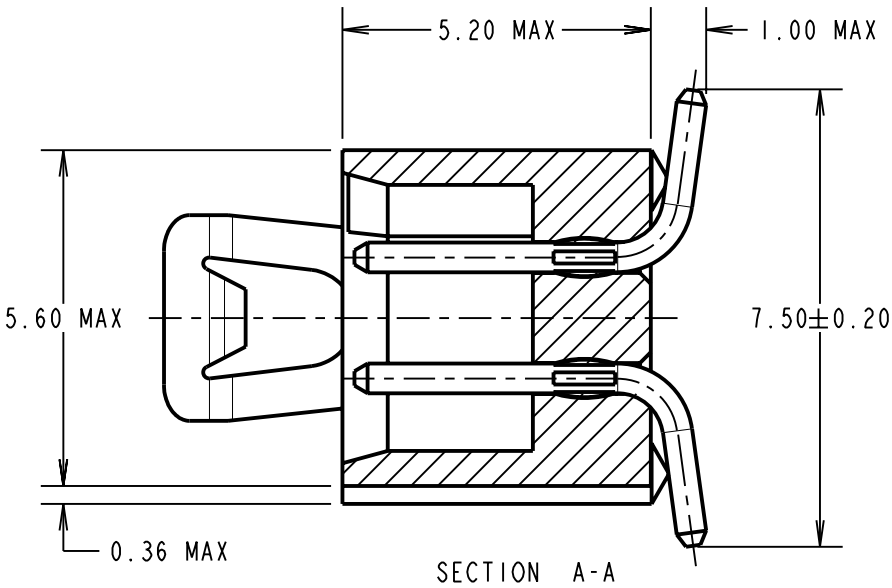
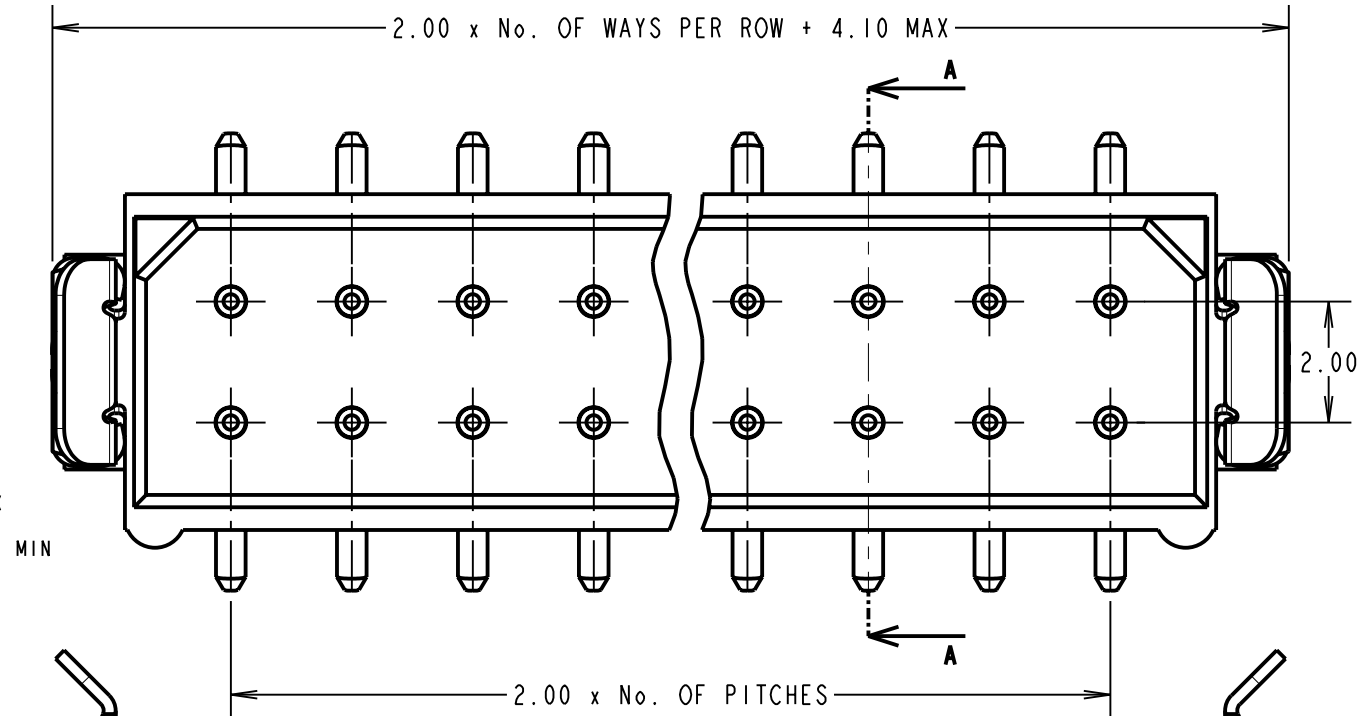
PACKING:

TUBE

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

NOTES:

- 2-OFF STRAIN-RELIEF STRAPS M80-0030003
MAY BE USED WITH THIS CONNECTOR.



ORDER CODE:

M80-828XXXX

No. OF WAYS
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH

06 - TIN/LEAD
22 - SELECTIVE GOLD + TIN/LEAD
42 - SELECTIVE GOLD + 100% TIN
45 - GOLD
46 - 100% TIN

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:

M80-826XXXX
(SEE ABOVE)

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

DATAMATE DIL
VERTICAL SMT PLUG
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-828XXXX

SM 10 09.06.10 10829

NAME ISS. DATE C/NOTE

APPROVED: S. MCCULLAGH

CHECKED: R. ADDE

DRAWN: S.FLOWER

CUSTOMER REF.:

ASSEMBLY DRG:

SHT

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