

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

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

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

PICK/PLACE CAP = PHOSPHOR BRONZE

FINISH:

CONTACTS:

06 = 3.0μ 90/10 TIN/LEAD ALL OVER22 = 0.75μ GOLD ON CONTACT AREA, 3.0μ 90/10 TIN/LEAD ON TAILS42 = 0.75μ GOLD ON CONTACT AREA, 3.0μ 100% TIN ON TAILS45 = 0.75μ GOLD ALL OVER46 = 3.0μ 100% TIN ALL OVERLATCH = 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

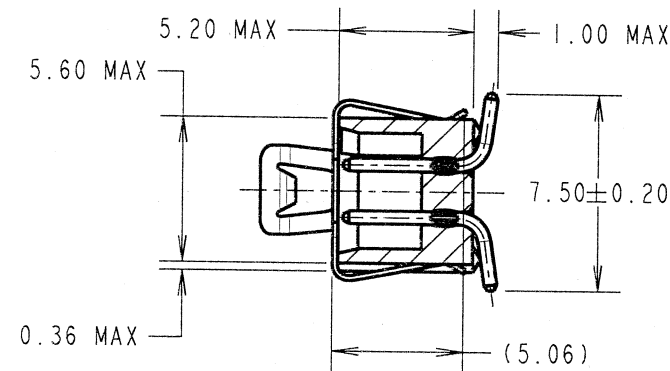
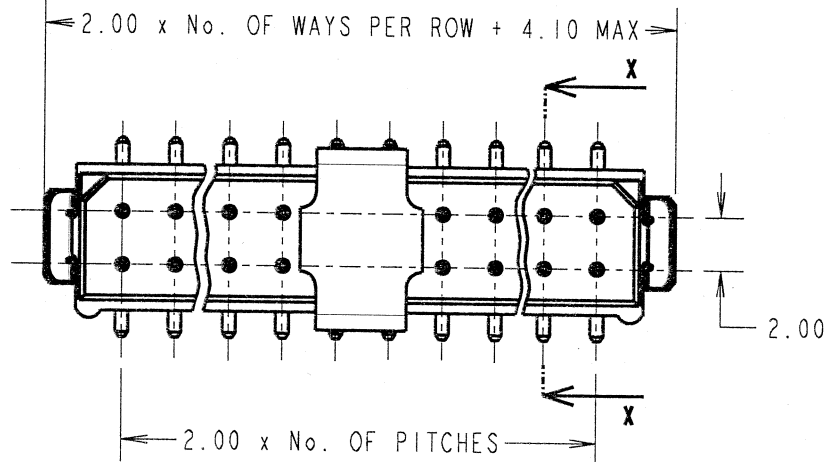
VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 mΩ MAX

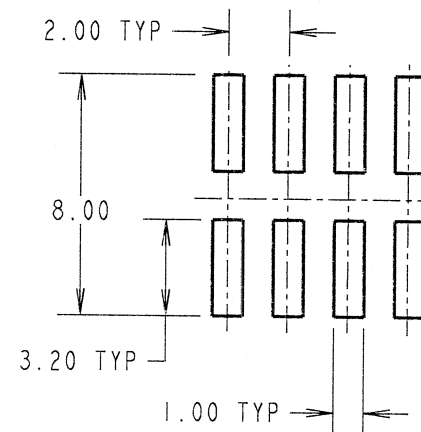
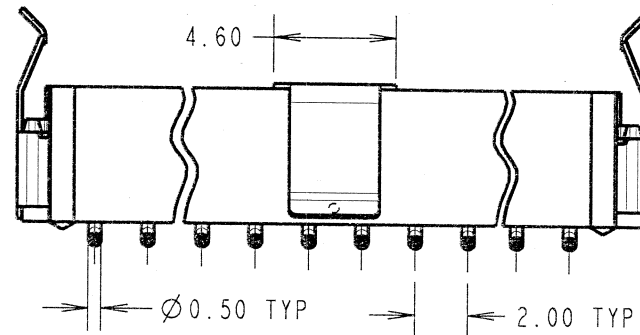
CONTACT RESISTANCE (AFTER CONDITIONING) = 25 mΩ MAX

INSULATION RESISTANCE (INITIAL) = 1,000 MΩ MIN

INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MΩ MIN



SECTION X-X

RECOMMENDED
PCB LAYOUT

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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

JAE 2 26.04.05 8521

NAME ISS. DATE C/NOTE

APPROVED: *[Signature]*CHECKED: *[Signature]*

DRAWN: J. EVANS

CUSTOMER REF.:

ASSEMBLY DRG:

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TOLERANCES

X. = ±1mm

X.X = ±0.25mm

X.XX = ±0.10mm

X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE DIL
VERTICAL SMT PLUG ASSY
LATCHED, P/PLACE

DRAWING NUMBER:

M80-828XXXXPSHT
2
OF
2

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