

Customer Information Sheet

DRAWING No.: M80-827XXX

SHEET 2 OF 2

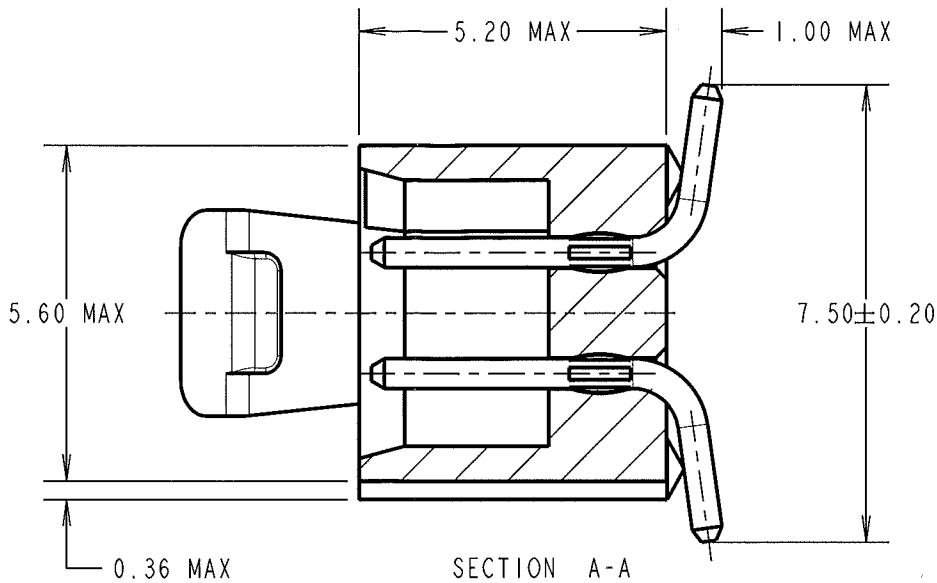
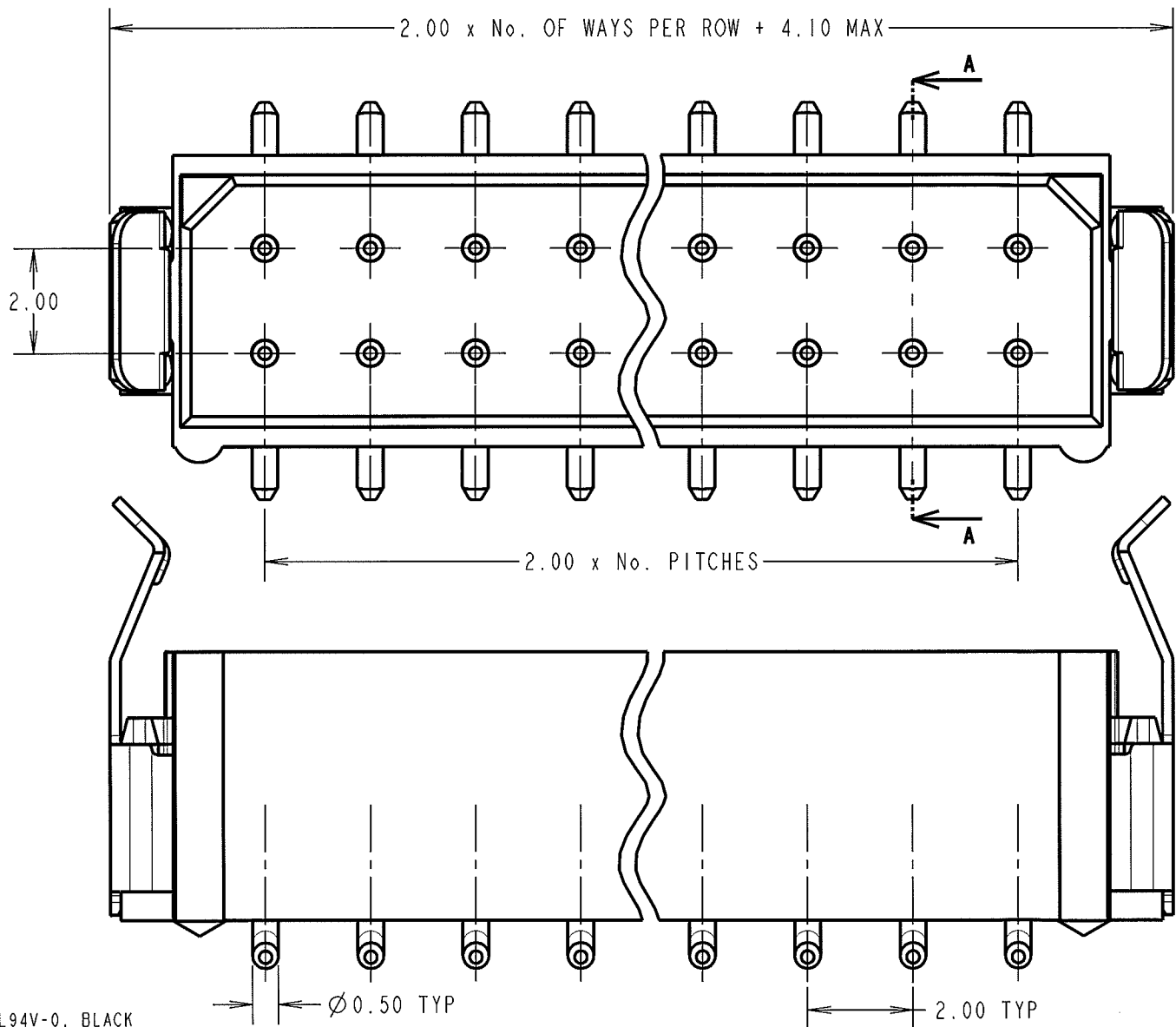
IF IN DOUBT - ASK

(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

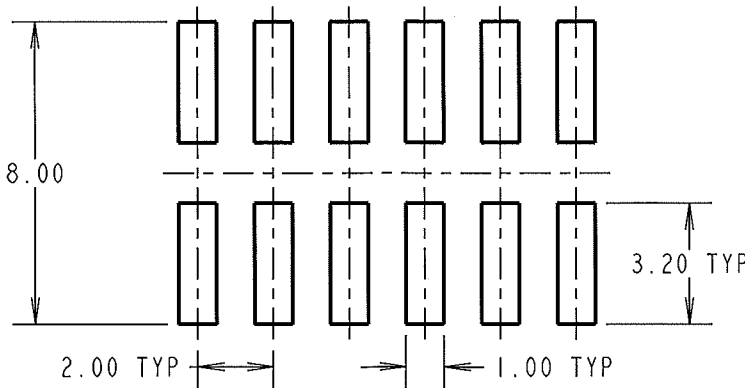
FINISH:
CONTACTS:
06 = 3.0µ 90/10 TIN/LEAD ALL OVER
22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS
42 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 100% TIN ON TAILS
45 = 0.75µ GOLD ALL OVER
46 = 3.0µ 100% TIN ALL OVER
LATCH = 1.25µ NICKEL

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)

RECOMMENDED PCB LAYOUT



ORDER CODE:

M80-827XXX

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

SF	3	17.07.08	10098
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	S.FLOWER		
CUSTOMER REF.:			
ASSEMBLY DRG:			

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:

M80-826XXX
(SEE ABOVE)

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE DIL
VERTICAL SMT PLUG
ASSEMBLY - FRICTION LATCH

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SHT
2 OF 2