

Customer Information Sheet

DRAWING No.: M80-827XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-827XXXX

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

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 MAXCURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE (INITIAL) = $20\text{ m}\Omega$ MAXCONTACT RESISTANCE (AFTER CONDITIONING) = $25\text{ m}\Omega$ MAXINSULATION RESISTANCE (INITIAL) = 1,000 $\text{M}\Omega$ MININSULATION RESISTANCE (AFTER CONDITIONING) = 100 $\text{M}\Omega$ MIN

MECHANICAL:

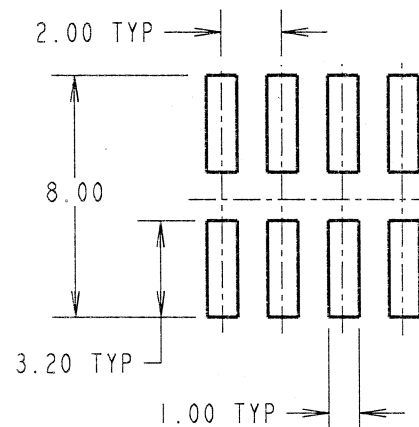
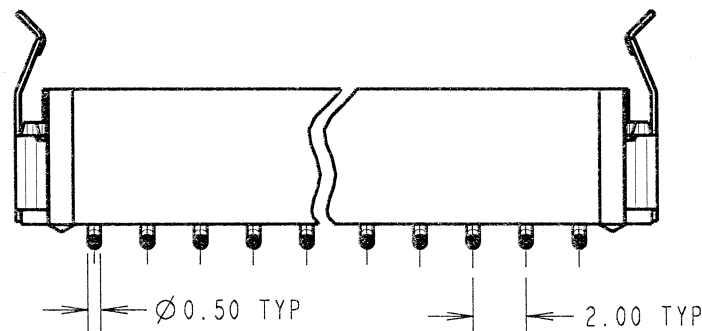
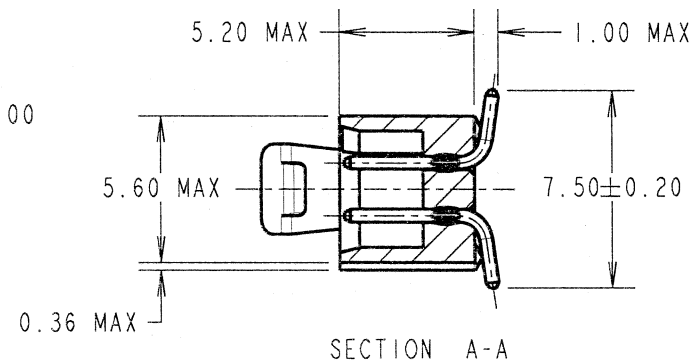
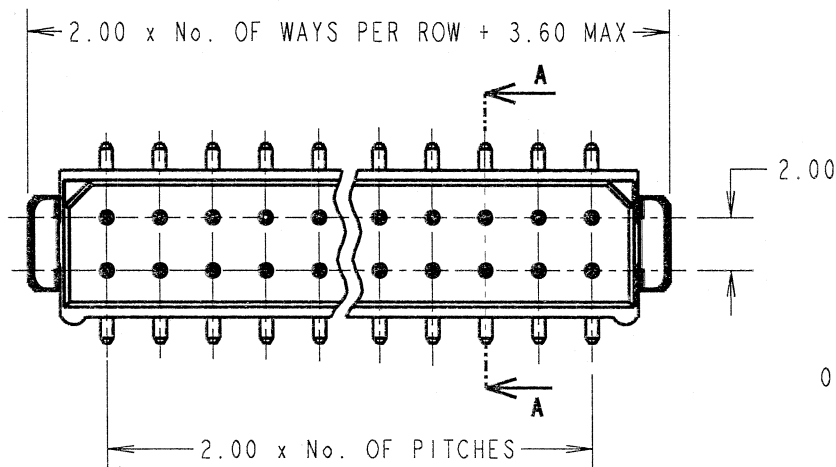
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^{\circ}\text{C}$

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)RECOMMENDED
PCB LAYOUT

JMB	2	26.10.05	8807
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
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 DIL
VERTICAL SMT PLUG
ASSEMBLY - FRICTION LATCH

DRAWING NUMBER:

M80-827XXXXSHT
2
OF 2

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