

# Customer Information Sheet

DRAWING No.: M80-850XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

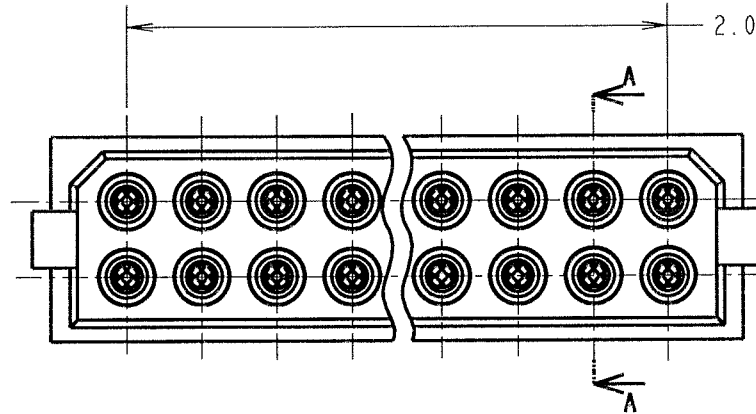
**M80-850XXX**

TOTAL No. OF WAYS \_\_\_\_\_

04, 06, 08, 10, 12, 14, 16,  
18, 20, 26, 34, 44

FINISH: \_\_\_\_\_

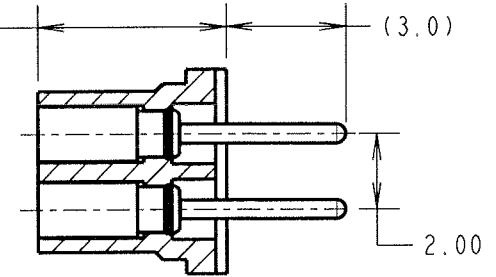
45 = GOLD SHELL, GOLD CLIP  
42 = 100% TIN SHELL, GOLD CLIP



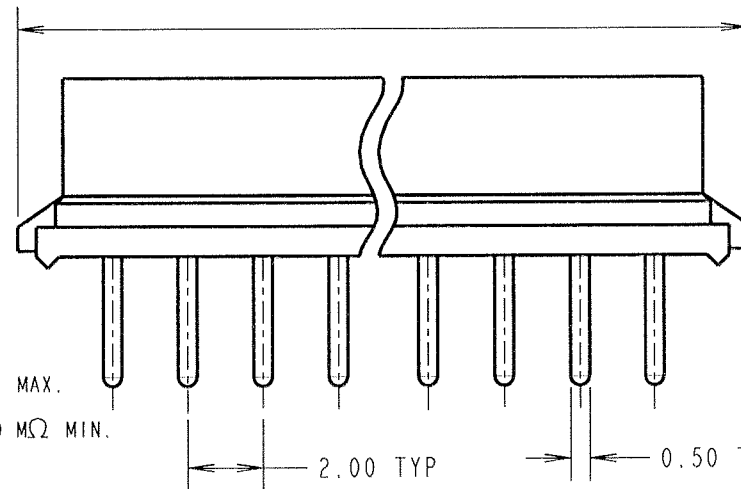
2.00 x No. OF PITCHES PER ROW

5.13 MAX

(3.0)



SECTION A-A



2.00 x No. OF WAYS PER ROW + 3.15 MAX

**SPECIFICATIONS:**

**MATERIAL:**  
MOULDING = POLYAMIDE 46 UL94V-0, BLACK  
CONTACTS = BERYLLIUM COPPER

**FINISH:**  
**CONTACTS:**  
45 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL  
42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN SHELL

**ELECTRICAL:**  
CURRENT RATING (25°C) = 3.0A MAX.  
CURRENT RATING (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) = 1000 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:**

1. RECOMMENDED HOLE SIZE =  $\varnothing 0.80$ mm.

JMB	5	22.07.05	8633
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN:		I. SANDY	
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:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm<sup>2</sup>

**TITLE:** DATAMATE DIL  
VERTICAL PC TAIL SOCKET  
ASSEMBLY (RoHS)

**DRAWING NUMBER:**

**M80-850XXX**

SHT  
2  
OF  
2

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