

# Customer Information Sheet

DRAWING No.: M80-614XXXX SHEET 2 OF 2

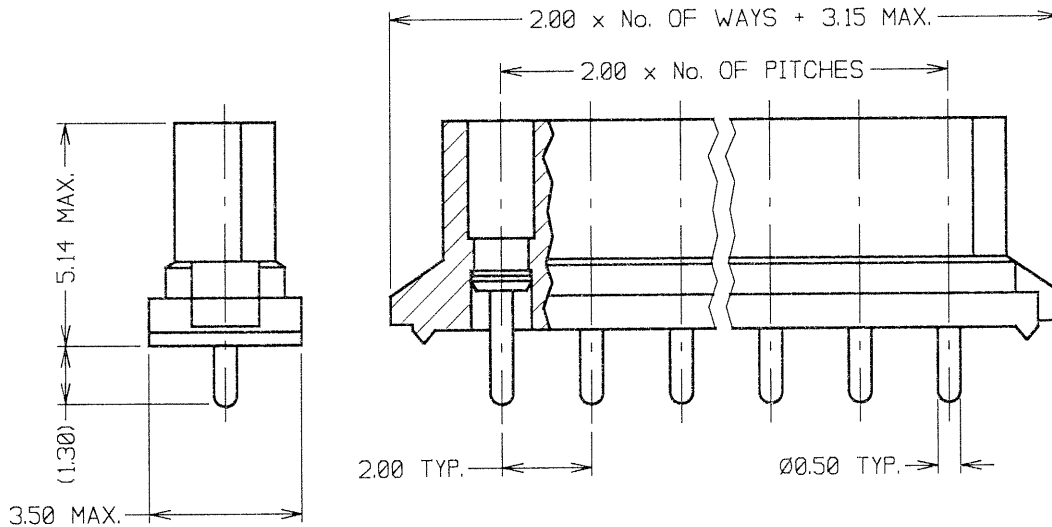
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



## SPECIFICATION

### MATERIALS:

MOULDING = HIGH-TEMP. POLYAMIDE 46 UL94V-0  
CLIP = BERYLLIUM COPPER  
BODY = BRASS

### FINISH:

42 = 3.5/5.0µ 100% TIN BODY, 0.3µ GOLD CLIP  
45 = 0.25/0.3µ GOLD BODY, 0.3µ GOLD CLIP

### 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 MILLIOHMS MAX.  
AFTER CONDITIONING = 25 MILLIOHMS MAX.  
INSULATION RESISTANCE:  
INITIAL = 1000 MEGOHMS MIN.  
AFTER CONDITIONING = 100 MEGOHMS MIN.

### MECHANICAL:

DURABILITY = 500 OPERATIONS  
INSERTION FORCE = 2.8N MAX, 1.0N MIN.  
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN.

### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

### PACKING:

TUBE

FOR COMPLETE SPECIFICATION SEE  
COMPONENT SPECIFICATION C005XX  
(LATEST ISSUE)

## NOTES.

1. RECOMMENDED HOLE SIZE = Ø0.80mm.

ORDER CODE:

**M80-614XXXX**

No. OF WAYS \_\_\_\_\_  
02-07, 17

FINISH \_\_\_\_\_

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

JMB	3	09.08.06	9373
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>J.B.</i>			
CHECKED: <i>J.B.</i>			
DRAWN:		W. J. BOURNE	
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:

mm<sup>2</sup>

### TITLE:

DATAMATE SIL  
FEMALE P.C TAIL ASSEMBLY

DRAWING NUMBER:

**M80-614XXXX**

SHT  
2  
OF  
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