

# Customer Information Sheet

DRAWING No:- M80-867XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

COMMERCIAL  
ORDER CODE:

**M80-867XXXX**

TOTAL No. OF WAYS  
04, 06, 08, 10, 12, 14, 16,  
18, 20, 26, 34, 44

FINISH

05 - GOLD  
06 - TIN/LEAD  
22 - SELECTIVE GOLD

BRITISH STANDARD

ORDER CODE: TO BS9525 F0033

**B5743-2XX-M-T-X**

TOTAL No. OF WAYS  
04, 06, 08, 10, 12, 14, 16,  
18, 20, 26, 34, 44

FINISH

1 - SELECTIVE GOLD  
3 - GOLD

## NOTES.

1. 2-OFF STRAIN RELIEF STRAP M80-0030006 MAY BE USED WITH THIS CONNECTOR.

## SPECIFICATIONS:

### MATERIAL:

MOULDING - GLASS-FILLED  
POLYESTER UL94V-0

CONTACT - PHOSPHOR BRONZE  
LATCH - BERYLLIUM COPPER

### FINISH:

#### CONTACTS:

05 - 0.75 $\mu$  GOLD  
06 - 3.0 $\mu$  90/10 TIN/LEAD  
22 - 0.75 $\mu$  GOLD ON CONTACT AREA,  
3.0 $\mu$  90/10 TIN/LEAD ON TAILS

LATCH - 1.25 $\mu$  NICKEL

### MECHANICAL:

DURABILITY - 500 OPERATIONS

### PACKING:

TUBE

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

### 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

CONTACT RESISTANCE (AFTER  
CONDITIONING) - 25 MILLIOHMS MAX

INSULATION RESISTANCE (INITIAL) -

1000 MEGOHMS MIN

INSULATION RESISTANCE (AFTER  
CONDITIONING) - 100 MEGOHMS MIN

### ENVIRONMENTAL:

TEMPERATURE RANGE - -55°C TO +125°C

**HARWIN**

HARWIN INC

U.S.A.

TEL: (812) 285 0055  
FAX: (812) 285 0056

HARWIN PLC

U.K.

TEL: 01705 370451  
FAX: 01705 314590

HARWIN PTE

SINGAPORE

TEL: 65 7794909  
FAX: 65 7793868

### TOLERANCES

X -  $\pm 1$ mm  
XX -  $\pm 0.25$ mm  
XXX -  $\pm 0.10$ mm  
XXXX -  $\pm 0.01$ mm  
ANGLES -  $\pm 1^\circ$   
UNLESS STATED

### MATERIAL:

SEE ABOVE

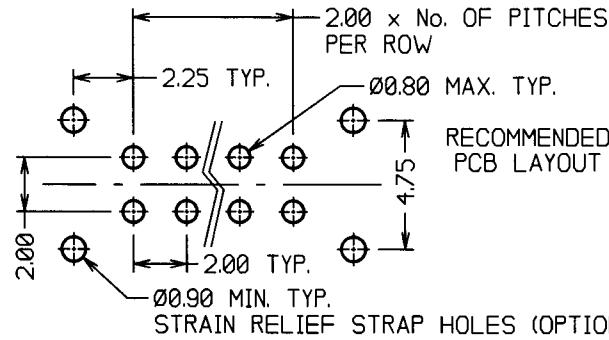
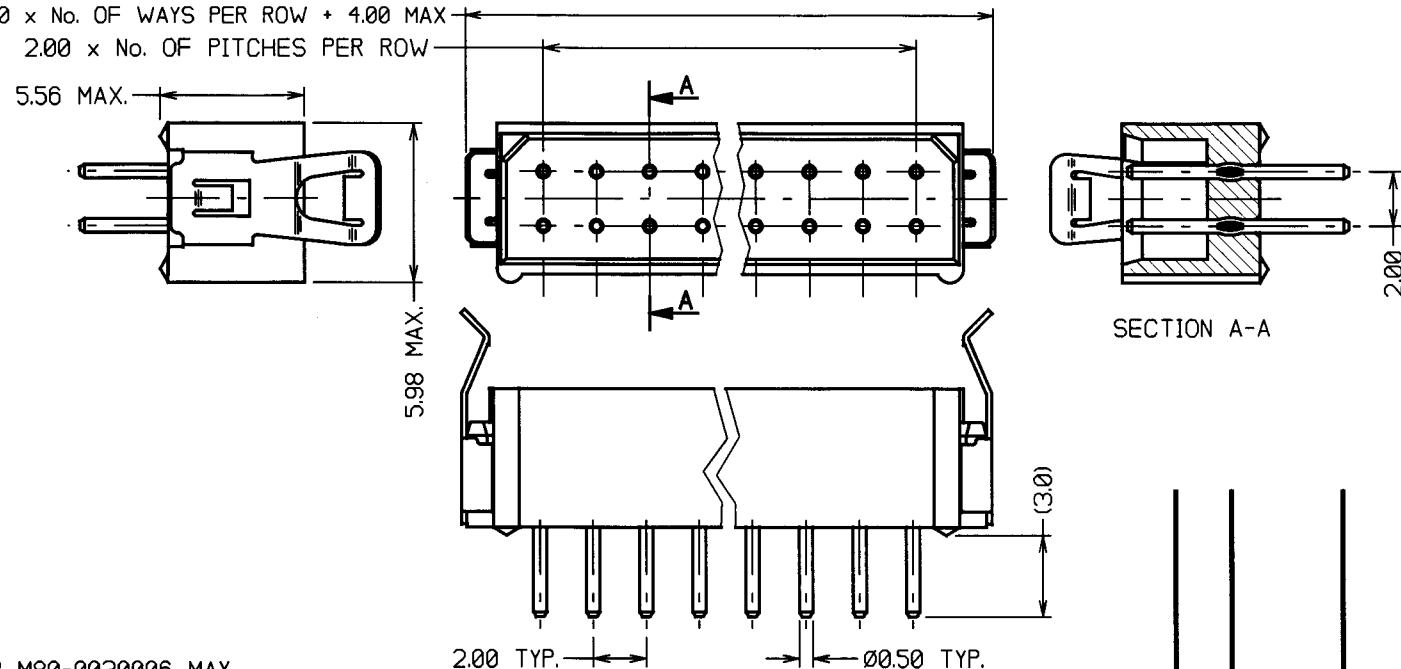
TITLE: DATAMATE 2mm PITCH  
VERTICAL PC TAIL DIL PLUG  
ASSEMBLY - LATCHED

DRAWING NUMBER:

**M80-867XXXX**

SHT

2  
OF  
2



9	06.11.98	4630
ISS.	DATE	C/N
APPROVED:		
CHECKED:		
DRAWN:	W. J. BOURNE	
CUSTOMER REF.		
ASSEMBLY DRG:		