

# Customer Information Sheet

DRAWING No.: M80-891XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## SPECIFICATION

### MATERIAL:

MOULDING = GLASS-FILLED POLYESTER, UL94V-0  
CLIP = BERYLLIUM COPPER  
SHELL = BRASS

### FINISH:

#### CONTACTS:

01 = 0.30µ GOLD CLIP, 4.0µ TIN/LEAD SHELL  
05 = 0.30µ GOLD CLIP, 0.28µ GOLD SHELL

### 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 = 20mΩ MAX  
AFTER CONDITIONING = 25mΩ MAX  
INSULATION RESISTANCE:  
INITIAL = 1000MΩ MIN  
AFTER CONDITIONING = 100MΩ MIN

### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

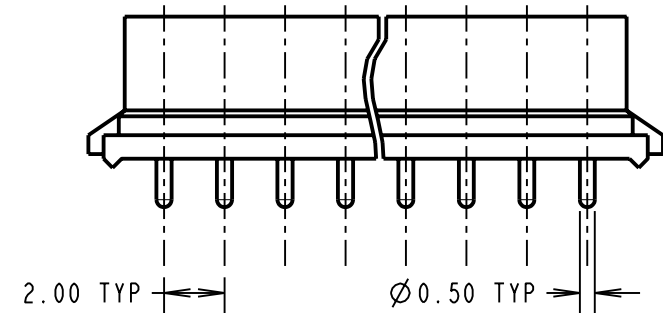
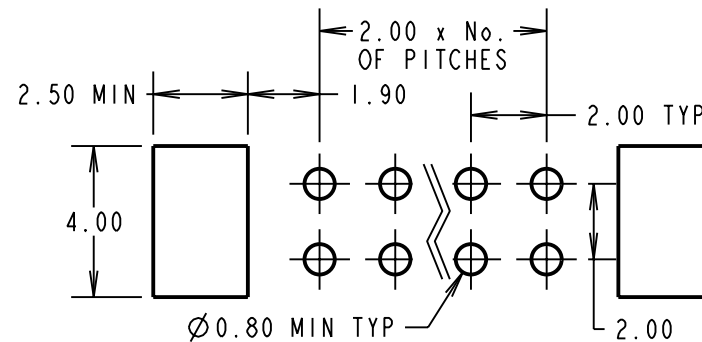
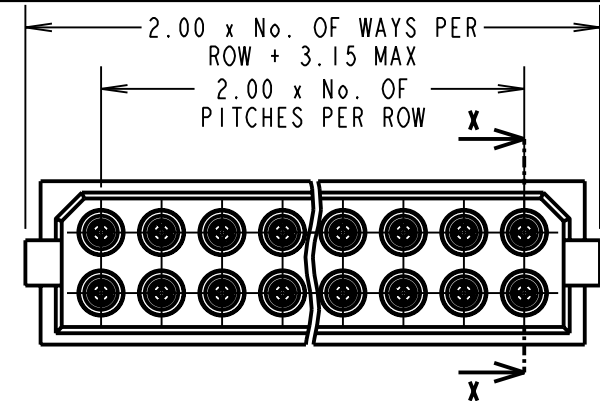
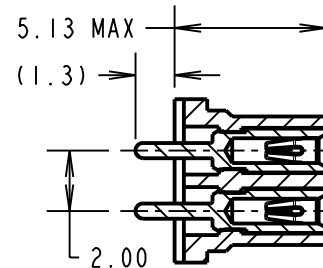
### MECHANICAL:

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

### PACKING:

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

### SECTION X-X



### RECOMMENDED PCB LAYOUT

BRITISH STANDARD ORDER CODE: TO BS9525 F0033  
**B5741-2XX-F-N-X**  
TOTAL No. OF WAYS ———  
04 - 20 (EVEN NUMBERS)  
26, 34, 44  
FINISH ———  
0 - GOLD CLIP, TIN/LEAD SHELL  
2 - GOLD CLIP, GOLD SHELL

COMMERCIAL ORDER CODE:  
**M80-891XXXX**  
TOTAL No. OF WAYS ———  
04 - 20 (EVEN NUMBERS)  
26, 34, 44  
FINISH ———  
01 - GOLD CLIP, TIN/LEAD SHELL  
05 - GOLD CLIP, GOLD SHELL

SM	6	12.05.10	10790
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: W. J. BOURNE			
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 2mm PITCH VERTICAL 1.3mm PC TAIL DIL SOCKET ASSEMBLY  
DRAWING NUMBER: **M80-891XXXX**  
SHT 2 OF 2

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