

Customer Information Sheet

DRAWING No.: M80-876XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

COMMERCIAL
ORDER CODE:

M80-876XXXX

TOTAL No. OF WAYS
02 - 07, 17, 22

FINISH

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

BRITISH STANDARD
ORDER CODE: TO BS9525 F0033

B5743-1XX-M-L-X

TOTAL No. OF WAYS
02 - 07, 17, 22

FINISH

1 - SELECTIVE GOLD
3 - GOLD

NOTES.

- 2-OFF STRAIN RELIEF STRAP M80-0030006 ARE INCLUDED WITH EACH CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED
POLYESTER UL94V-0

CONTACT = PHOSPHOR BRONZE

LATCH = BERYLLIUM COPPER

FINISH:

CONTACTS:

05 = 0.75µ GOLD
06 = 3.0µ 90/10 TIN/LEAD
22 = 0.75µ GOLD ON CONTACT AREA,
3.0µ 90/10 TIN/LEAD ON TAILS

LATCH = 1.25µ NICKEL

MECHANICAL:

DURABILITY = 500 OPERATIONS

PACKING:

TUBE

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

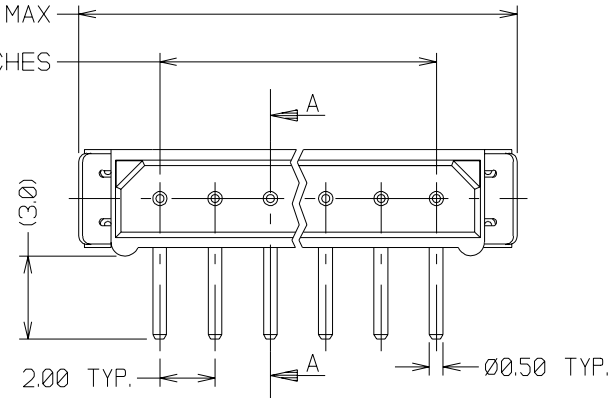
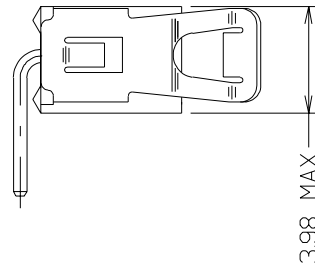
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

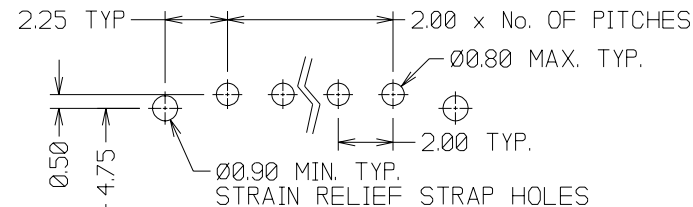
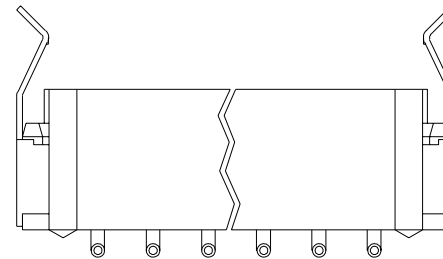
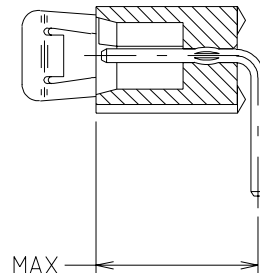
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

2.00 x No. OF ROWS + 4.00 MAX

2.00 x No. OF PITCHES



SECTION A-A



RECOMMENDED PCB LAYOUT

8	06.11.98	4630
ISS.	DATE	C/N
APPROVED:		
CHECKED:		
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 = ±1°
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: DATAMATE 2mm PITCH
HORIZONTAL PC TAIL SIL PLUG
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-876XXXX

SHT
2
OF
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