

Customer Information Sheet

DRAWING No.: M80-868XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

COMMERCIAL
ORDER CODE:

M80-868XXXX

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-L-X

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

FINISH

0 - SELECTIVE GOLD
2 - 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

FINISH:

CONTACTS:

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

ENVIRONMENTAL:

TEMPERATURE RANGE - -55°C TO +125°C

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) -

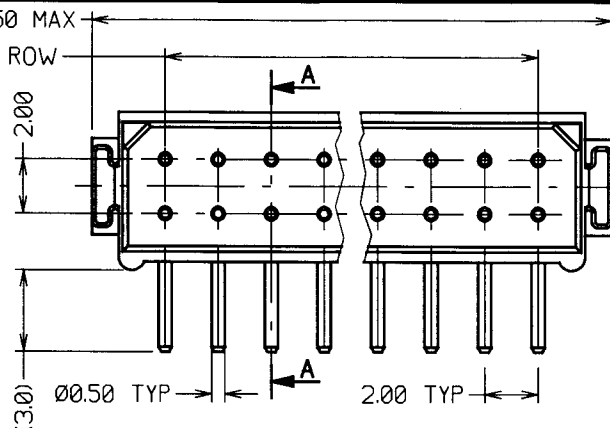
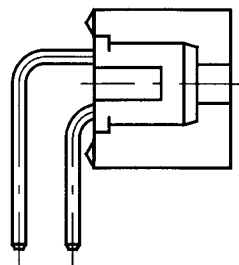
1000 MEGOHMS MIN

INSULATION RESISTANCE (AFTER

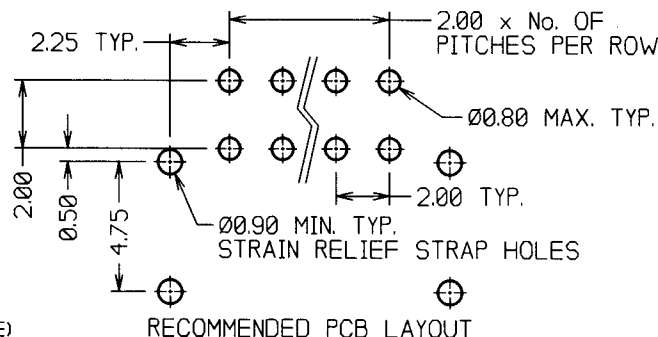
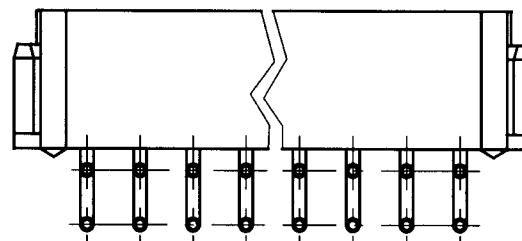
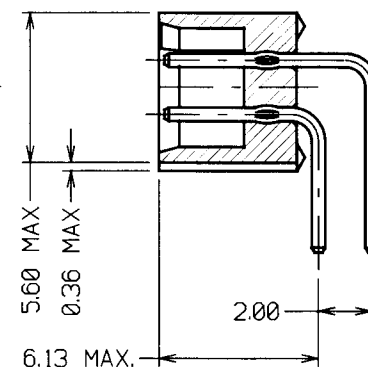
CONDITIONING) - 100 MEGOHMS MIN

2.00 x No. OF WAYS PER ROW + 3.50 MAX

2.00 x No. OF PITCHES PER ROW



SECTION A-A



JAE	10	12.12.01	6341
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	W. J. BOURNE		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. - ± 1 mm
X.X - ± 0.25 mm
X.XX - ± 0.10 mm
X.XXX - ± 0.01 mm
ANGLES - $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE 2mm PITCH
HORIZONTAL PC TAIL DIL PLUG
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-868XXXX

SHT
2
OF
2