

Customer Information Sheet

DRAWING No.: M80-869XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

COMMERCIAL
ORDER CODE:

M80-869XXXX

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

0 - SELECTIVE GOLD
2 - GOLD

NOTES.

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

SPECIFICATIONS:

MATERIAL:

MOULDING - GLASS-FILLED
POLYESTER UL94V-0

CONTACT - PHOSPHOR BRONZE

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

ENVIRONMENTAL:

TEMPERATURE RANGE - -55°C TO +125°C

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

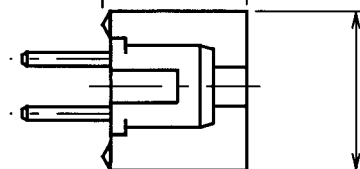
INSULATION RESISTANCE (INITIAL) -
1000 MEGOHMS MIN

INSULATION RESISTANCE (AFTER
CONDITIONING) - 100 MEGOHMS MIN

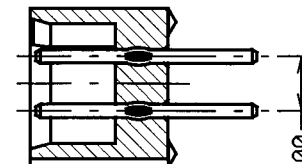
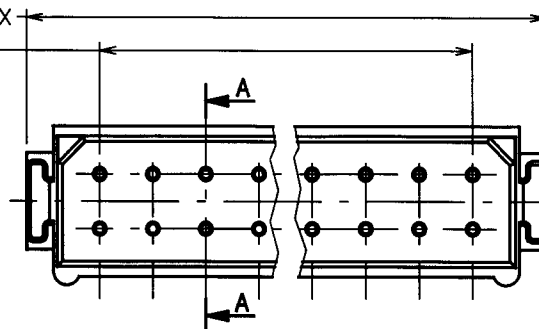
2.00 x No. OF WAYS PER ROW + 3.50 MAX

2.00 x No. OF PITCHES PER ROW

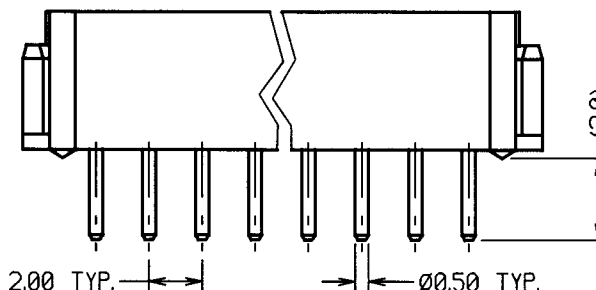
5.56 MAX.



5.98 MAX.

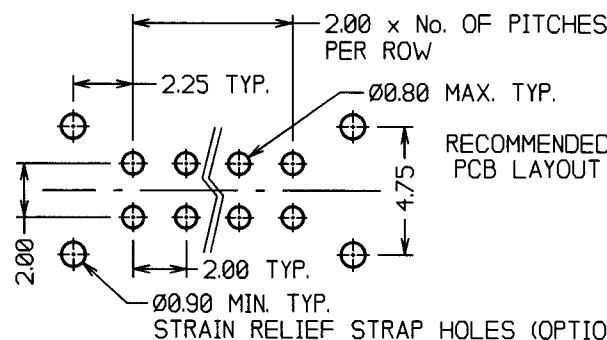


SECTION A-A



2.00 TYP.

Ø0.50 TYP.



2.00 x No. OF PITCHES
PER ROW

2.25 TYP.

Ø0.80 MAX. TYP.

RECOMMENDED
PCB LAYOUT

2.00

2.00 TYP.

Ø0.90 MIN. TYP.

STRAIN RELIEF STRAP HOLES (OPTIONAL)

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

HARWIN

HARWIN INC

U.S.A.

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HARWIN PLC

U.K.

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FAX: 01705 314590

HARWIN PTE

SINGAPORE

TEL: 65 7794909

FAX: 65 7793868

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
VERTICAL PC TAIL DIL PLUG
ASSEMBLY - UNLATCHED

DRAWING NUMBER:

M80-869XXXX

SHT
2 OF 2

11 06.11.98 4630

ISS. DATE C/N

APPROVED: *[Signature]*

CHECKED: *[Signature]*

DRAWN: W. J. BOURNE

CUSTOMER REF.

ASSEMBLY DRG: