

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

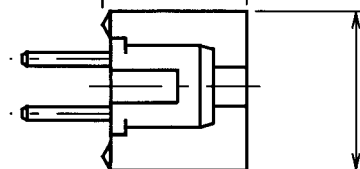
INSULATION RESISTANCE (AFTER
CONDITIONING) - 100 MEGOHMS MIN

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

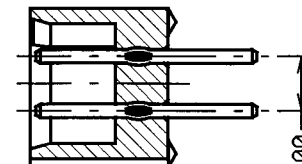
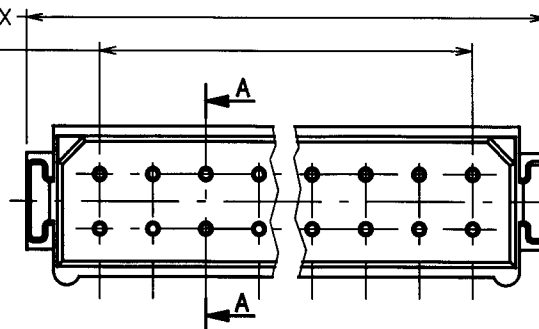
2.00 x No. OF WAYS PER ROW + 3.50 MAX

2.00 x No. OF PITCHES PER ROW

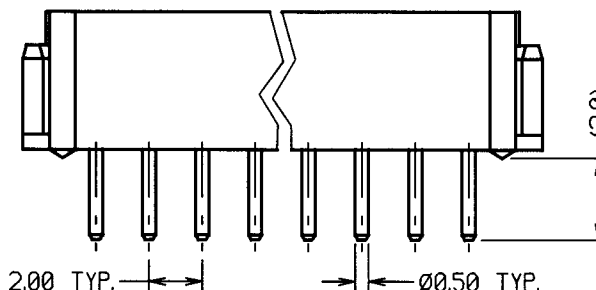
5.56 MAX.



5.98 MAX.

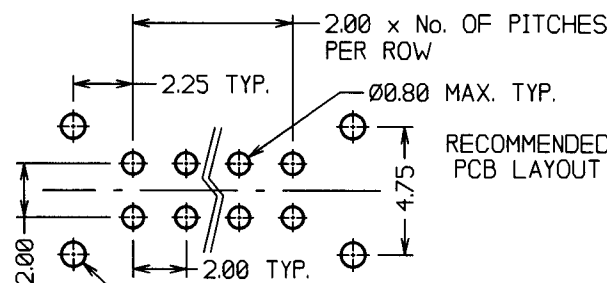


SECTION A-A



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)

11 06.11.98 4630

ISS. DATE C/N

APPROVED:

CHECKED:

DRAWN: W. J. BOURNE

CUSTOMER REF.

ASSEMBLY DRG:

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. - ±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
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