

Customer Information Sheet

DRAWING No.: M80-866XXXX

SHEET 2 OF 2 IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

COMMERCIAL
ORDER CODE:
M80-866XXXX

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
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

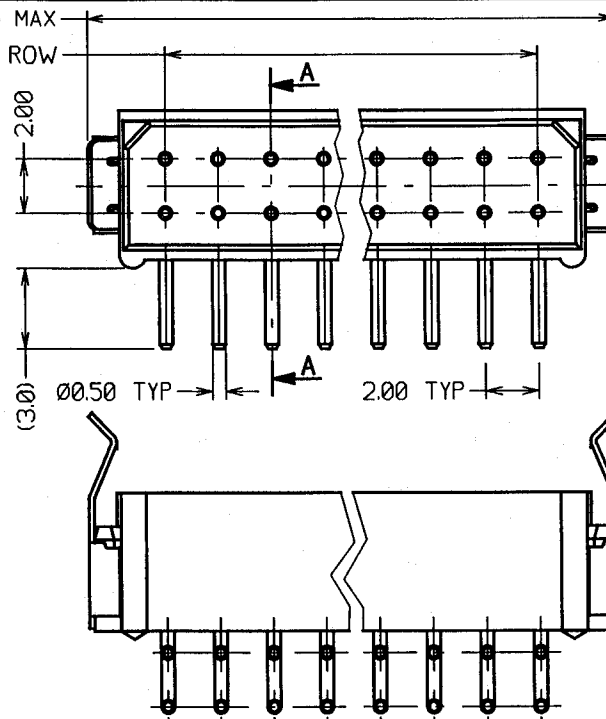
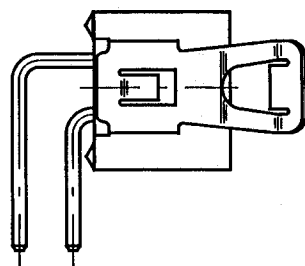
ENVIRONMENTAL:

TEMPERATURE RANGE - -55°C TO +125°C

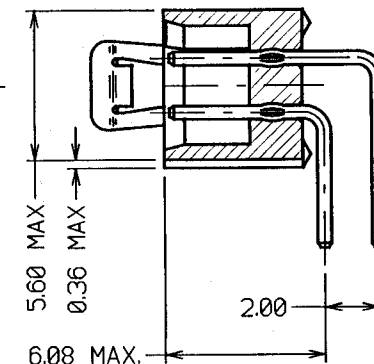
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

2.00 x No. OF WAYS PER ROW + 4.00 MAX

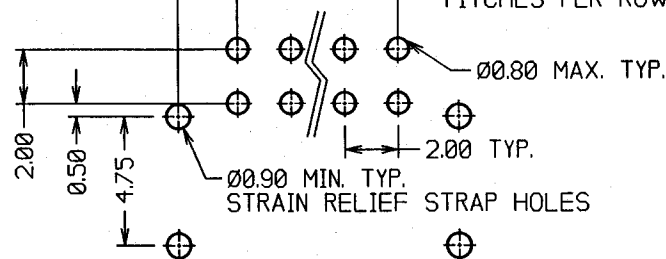
2.00 x No. OF PITCHES PER ROW



SECTION A-A



2.25 TYP. 2.00 x No. OF
PITCHES PER ROW



RECOMMENDED PCB LAYOUT

9 27.09.99 5027

ISS. DATE C/N

APPROVED: *[Signature]*

CHECKED: *[Signature]*

DRAWN: J. KEIR

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
HORIZONTAL PC TAIL DIL PLUG
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-866XXXX

SHT
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