

Customer Information Sheet

DRAWING No.: M80-782XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA.

3.0µ TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA.

3.0µ 100% TIN ON TAILS

LATCH = 1.25µ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE:

INITIAL = 20 mΩ MAX.

AFTER CONDITIONING = 25 mΩ MAX.

INSULATION RESISTANCE:

INITIAL = 1000 MΩ MIN.

AFTER CONDITIONING = 100 MΩ MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS

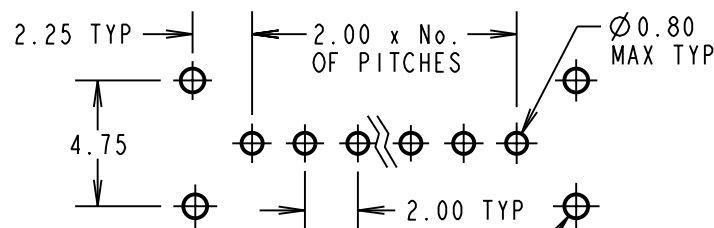
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

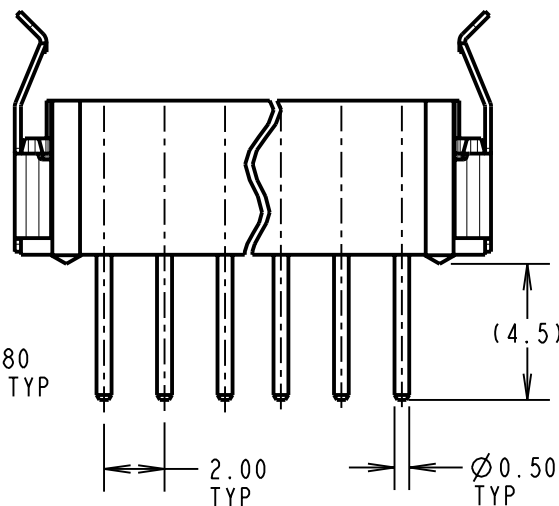
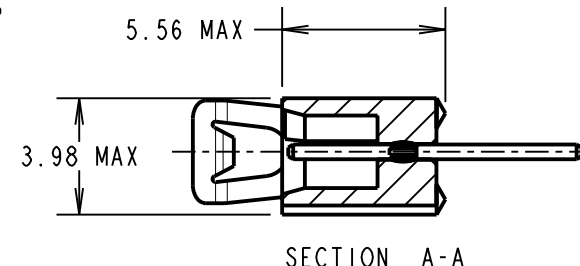
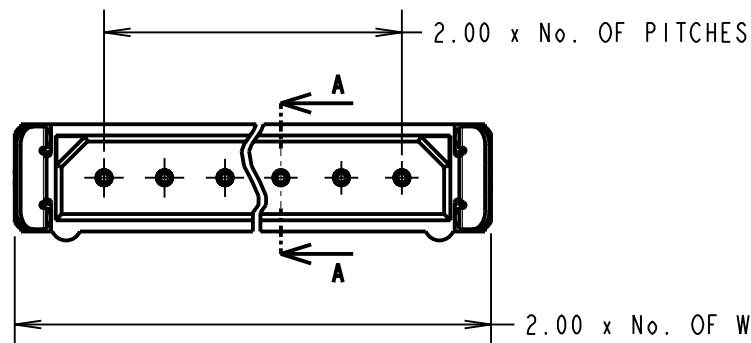
TUBE

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



Ø0.90 MIN TYP STRAIN RELIEF STRAP HOLES (OPTIONAL)

RECOMMENDED PCB LAYOUT



NOTES:

- 2-OFF STRAIN RELIEF STRAPS M80-0030006 MAY BE USED WITH EACH CONNECTOR.

ORDER CODE:

M80-782XXXX

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

FINISH

- 22 - GOLD ON CONTACT AREA
TIN/LEAD ON TAILS
- 42 - GOLD ON CONTACT AREA
100% TIN ON TAILS

CP	2	28.09.09	10303
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: JM BROOKES			
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 = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE SIL
VERTICAL MALE PC TAIL
ASSEMBLY - LATCHED

DRAWING NUMBER:

M80-782XXXX

SHT
2
OF
2