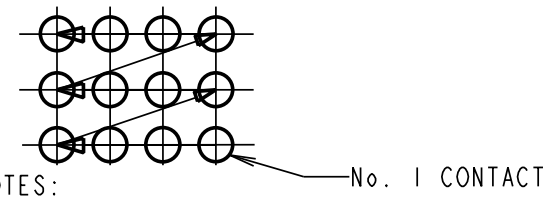
Customer Information Sheet

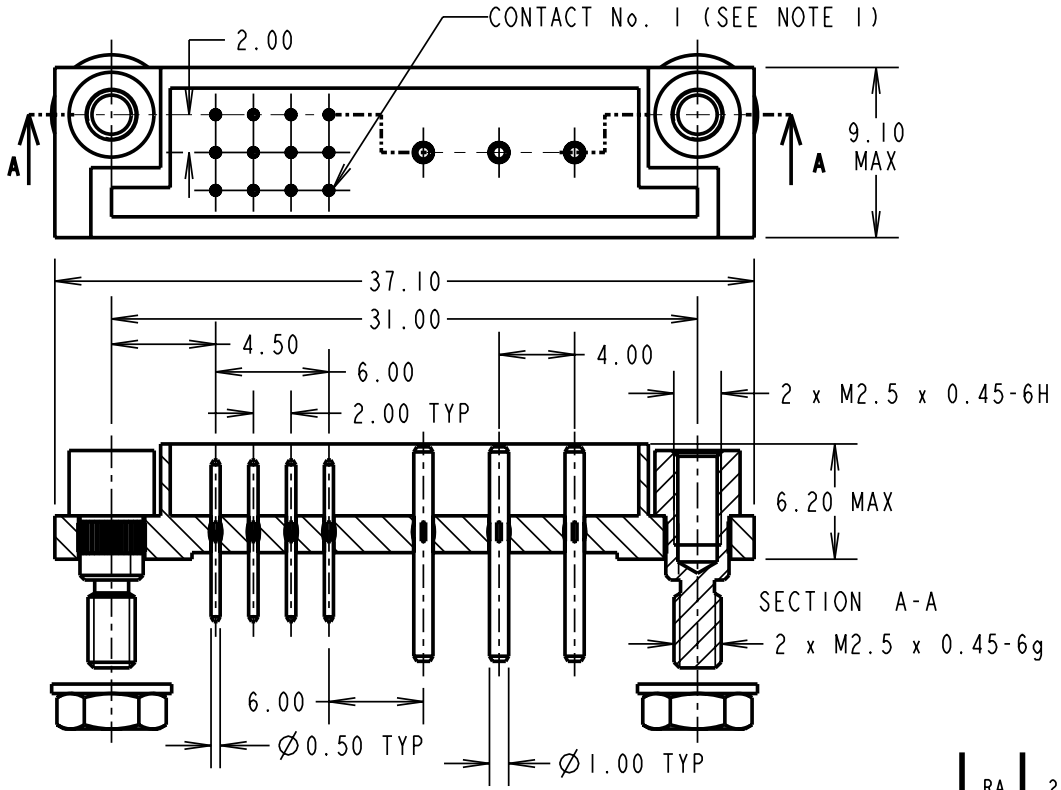
DRAWING No.: M80C107422C SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

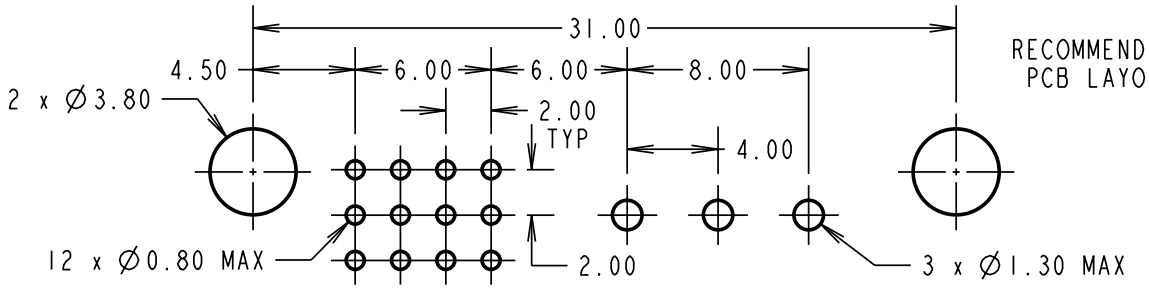
SPECIFICATIONS:
- MATERIALS:
  - MOULDING = POLYMIDE 46 UL94V-0, BLACK
  - CONTACTS = BRASS
  - M2.5 JACKSCREWS, WASHERS AND NUTS = STAINLESS STEEL
- FINISH:
  - POWER CONTACTS = 0.75µ GOLD, TIN/LEAD SOLDER OVER TAILS
  - SIGNAL CONTACTS = 0.75µ GOLD, 3.0µ 90/10 TIN/LEAD ON TAILS.
- ELECTRICAL:
  - CURRENT RATING AT 25°C = 3A MAX (SMALL), 15A MAX (LARGE)
  - CURRENT RATING AT 85°C = 2.2A MAX (SMALL), 11A MAX (LARGE)
  - VOLTAGE PROOF = 360V AC/DC
  - CONTACT RESISTANCE (INITIAL) = 20 MILLIOHMS MAX
  - CONTACT RESISTANCE (AFTER CONDITIONING) = 25 MILLOHMS MAX
  - INSULATION RESISTANCE (INITIAL) = 1000 MEGOHMS MIN
  - INSULATION RESISTANCE (AFTER CONDITIONING) = 100 MEGAOHMS MIN
  - TEMPERATURE RANGE = -40°C TO +85°C
- MECHANICAL:
  - DURABILITY: 500 OPERATIONS
- ENVIRONMENTAL:
  - TEMPERATURE RANGE = -55°C TO +125°C
- PACKING: TRAYS

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)



NOTES:
1. FROM No.1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (LOOKING ON MATING FACE)





RECOMMENDED PCB LAYOUT

NAME	ISS.	DATE	C/NOTE
RA	2	17.10.08	10181

APPROVED: R.ADDE
CHECKED: M.G.PLESTED
DRAWN: J.KEIR
CUSTOMER REF.:
ASSEMBLY DRG:

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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: 3-ROW 2mm PITCH CONNECTOR, MALE STRAIGHT PC TAIL + POWER CONTACTS

DRAWING NUMBER: M80C107422C

SHT 2 OF 2