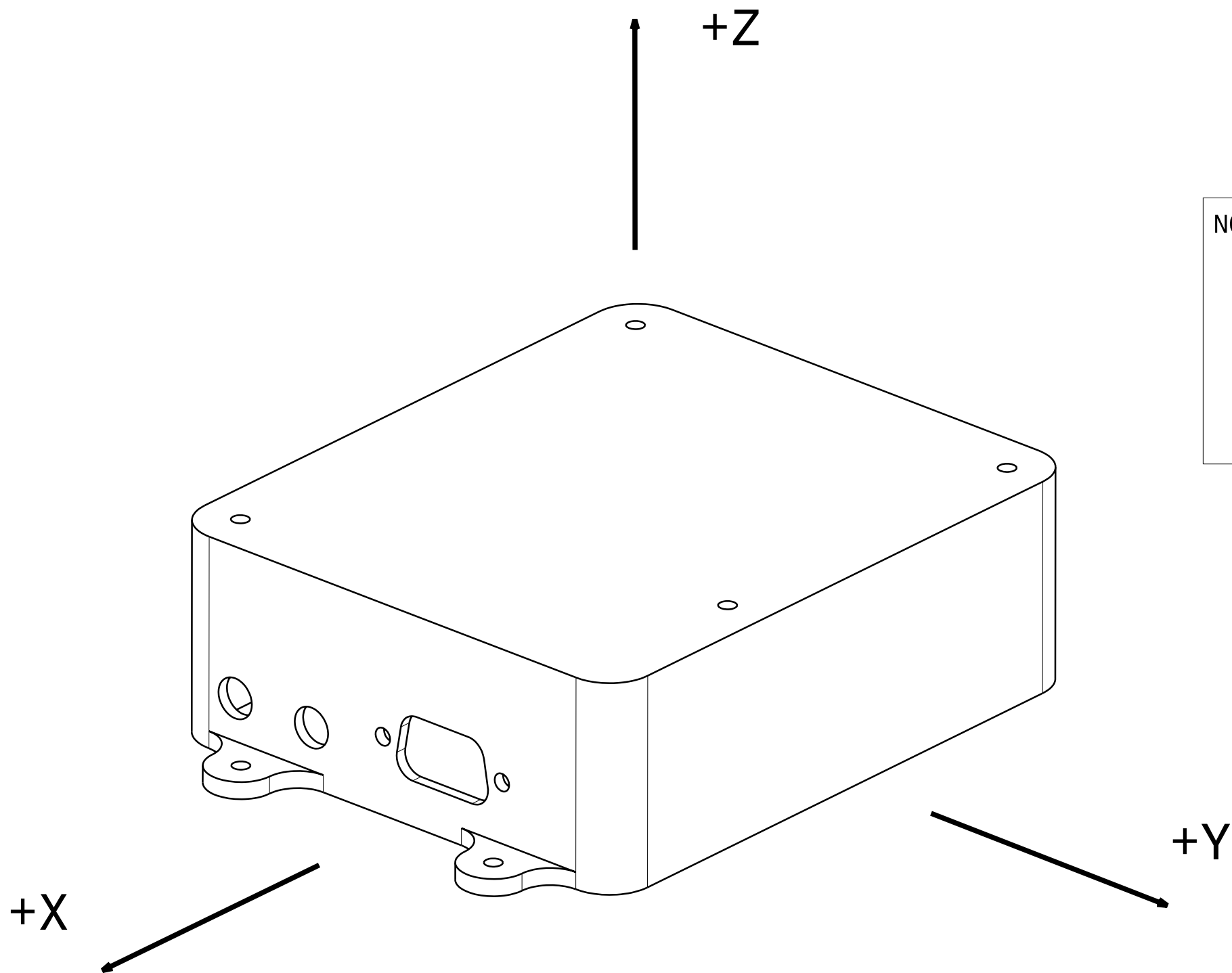



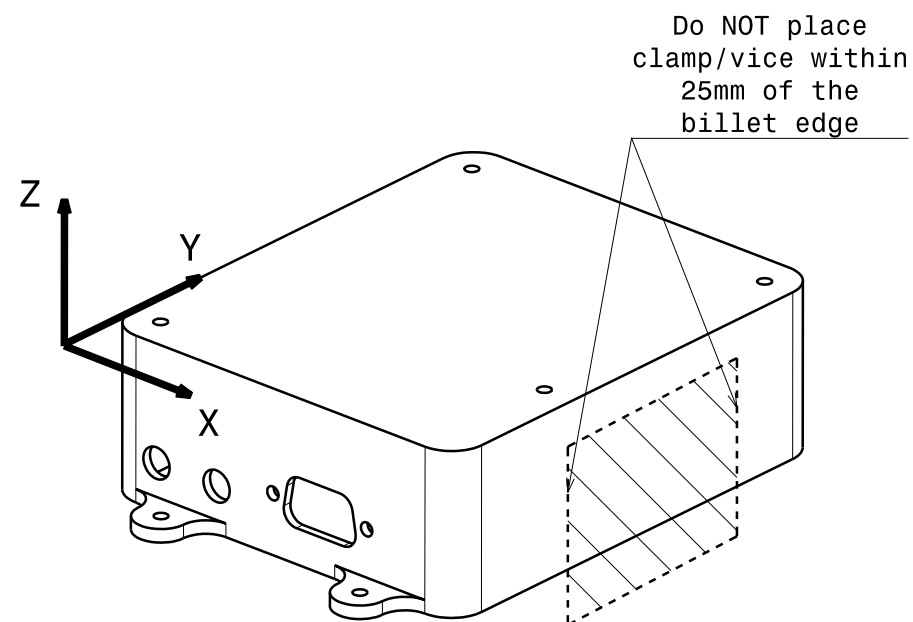
NO.	REVISION	DATE	APP.



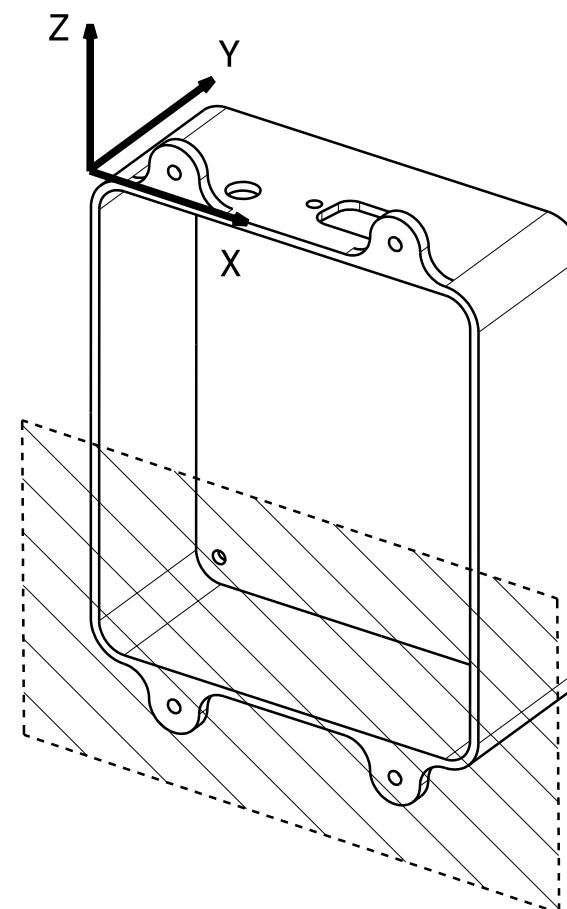
NOTES: 1) See MECH-0205 for tools to be used  
2) The housing on the left is representative of the general layout of the RX and TX housings, with D-connectors on the +X face, the upright housing pointing in the +Z direction, and the +Y axis forming a right-handed co-ordinate system.

ALL DIMENSIONS ARE IN MM		<div></div>	TITLE  MACHINING INFO FOR RX AND TX HOUSINGS								
TOLERANCES (UNLESS OTHERWISE SPECIFIED): DIMENSIONS = $\pm 0.025$ ANGLES = $\pm 1^\circ$											
CATIA DRAWING - TO BE MANUFACTURED USING CNC MILL, NOT MANUALLY USE SYMMETRY TO CALCULATE DIMENSIONS			All dimensions are in mm		SIZE A3		DWG. NO. MECH-0206-23May08		REV. 1.0		
			DRAWN <i>Christopher Hale</i>	DATE 23/5/2008		SCALE - :-		RELEASED 23/05/2008		SHEET 1 / 2	
		MATERIAL Aluminium 6061-T6	WEIGHT ---		This drawing is the property of BLUESAT. It may not be reproduced or communicated without our written agreement.						

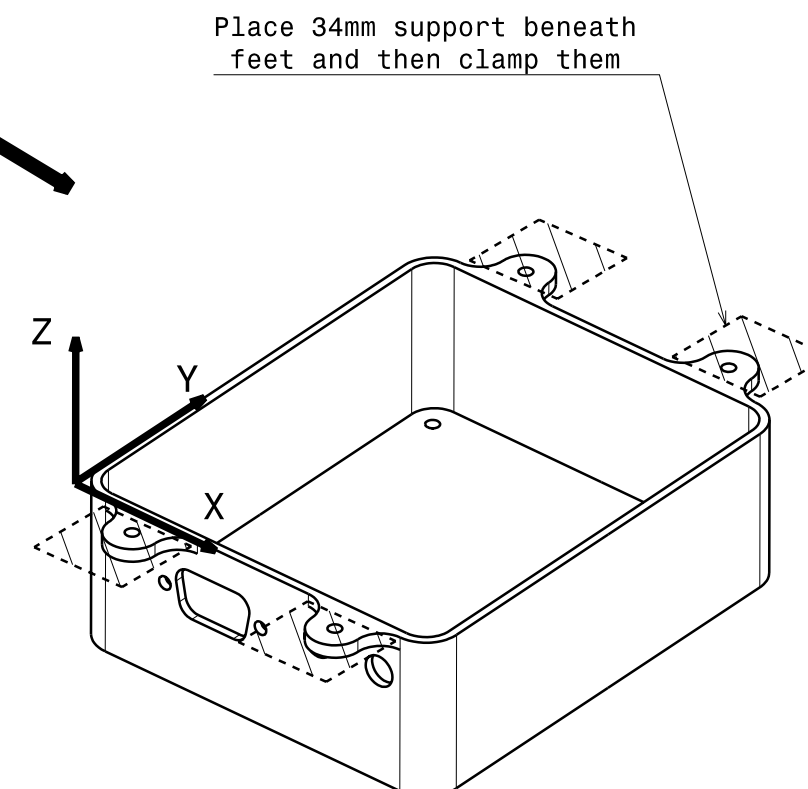
NO.	REVISION	DATE	APP.



PROCESS 1 - POSZ  
(WARNING: CODE IS DIFFERENT FOR ALL 4 HOUSINGS!)



PROCESS 2 - POSX



PROCESS 3 - NEGZ

- NOTES:
- 1) The name of each process refers to the face of the housing being machined
  - 2) The machining axes for process 1 have been placed at the outer corner of the stock material. However, for processes 2 and 3, the machining axes have been placed on the +X surface with the D-connector holes (ie they are NOT measured from the outer radii of the housing feet)
  - 3) The machining axes align the Z-axis with the tool axis, and the X-axis along the longest dimension for the process face. Note the location of the D-connectors when positioning for each of the processes
  - 4) Processes 1 and 2 use a vice grip vice grip to hold the material. Process 3 uses clamps over the feet, but these feet MUST be supported by additional material so as to not shear them off during machining

ALL DIMENSIONS ARE IN MM

TOLERANCES (UNLESS OTHERWISE SPECIFIED):  
DIMENSIONS =  $\pm 0.025$   
ANGLES =  $\pm 1^\circ$

CATIA DRAWING - TO BE MANUFACTURED USING  
CNC MILL, NOT MANUALLY  
USE SYMMETRY TO CALCULATE DIMENSIONS



All dimensions are in mm

DRAWN *Christopher Hale* DATE 23/5/2008

MATERIAL Aluminium 6061-T6 WEIGHT ---

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TITLE

MACHINING INFO FOR  
RX AND TX HOUSINGS

SIZE <b>A3</b>	DWG. NO. <b>MECH-0206-23May08</b>	REV. <b>1.0</b>
SCALE <b>- : -</b>	RELEASED <b>23/05/2008</b>	SHEET <b>2/2</b>