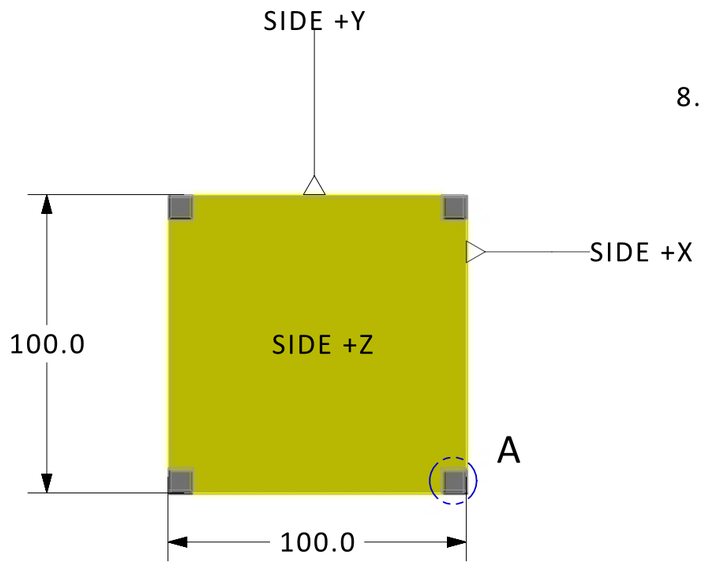
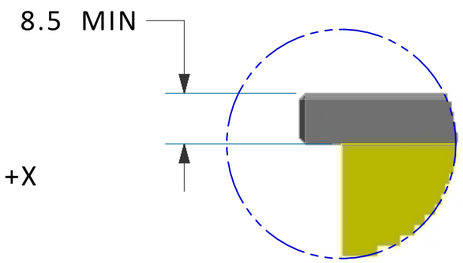
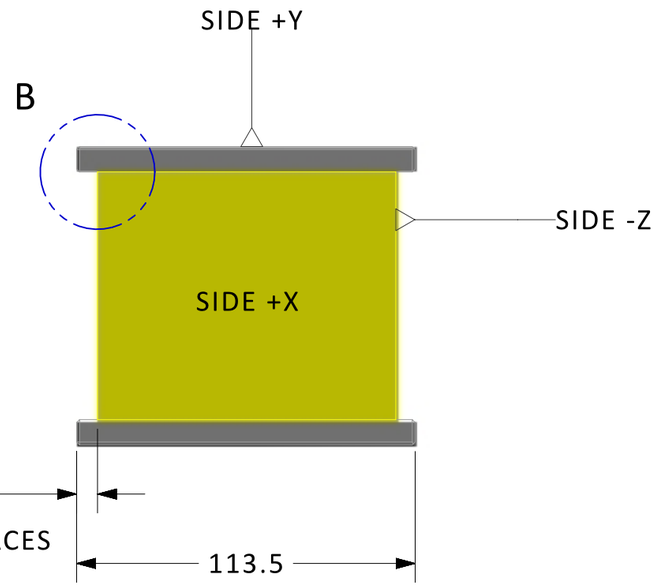
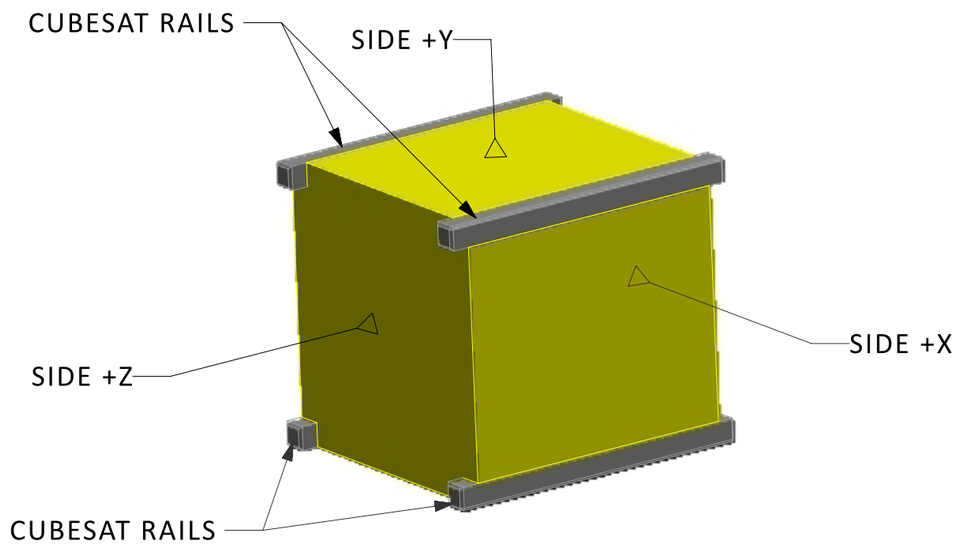
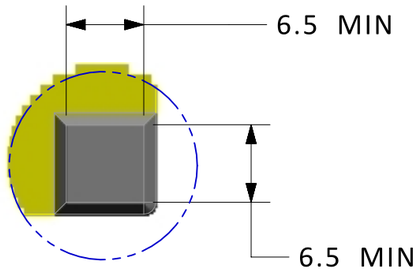




DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE







DETAIL A
STANDOFF CONTACT DETAIL FOR +Z

ADDITIONAL NOTES:

1) CubeSat coordinate is system located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

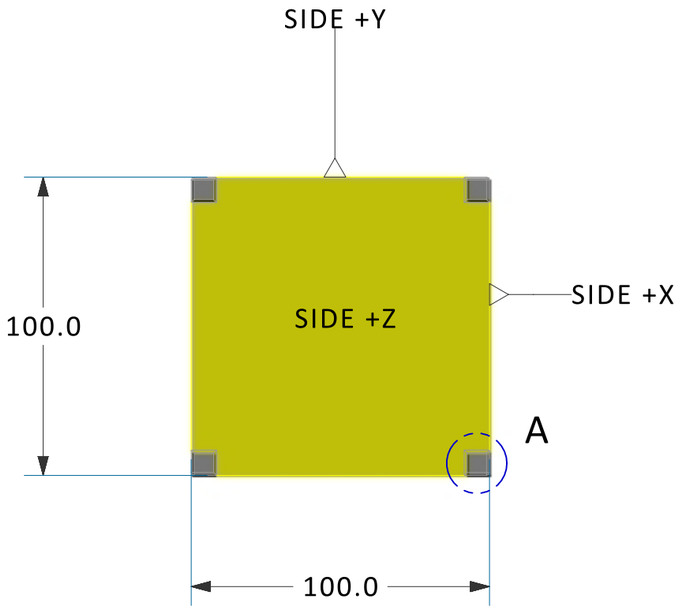
REVISION HISTORY:

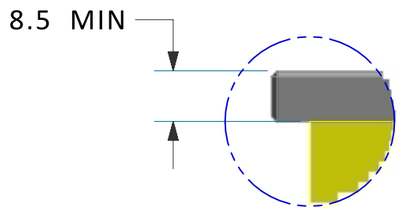
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

CUBESAT

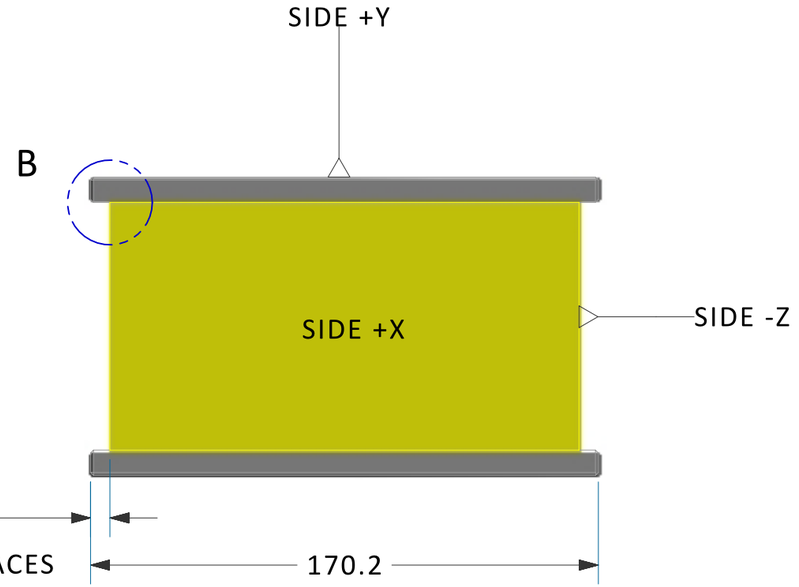
California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

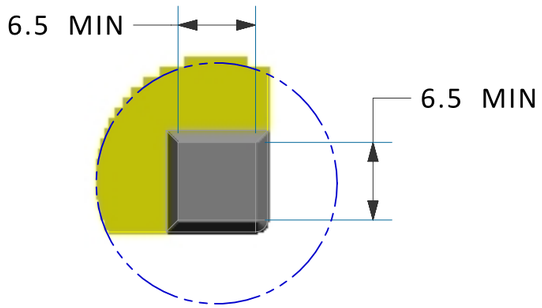
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A. MEH	PART NAME: 1U CUBESAT	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
ROUND ALL EDGES AND CORNERS				
	DRAWING #	CDS-14-001	NOT TO SCALE	DATE: 01/23/2020 — SHEET 1 OF 1



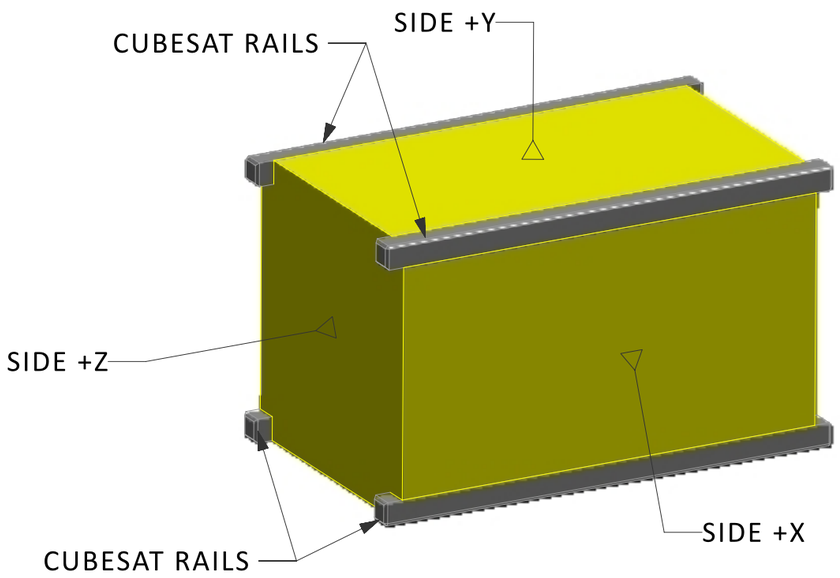


DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE





DETAIL A
STANDOFF CONTACT DETAIL FOR +Z



REVISION HISTORY:

PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

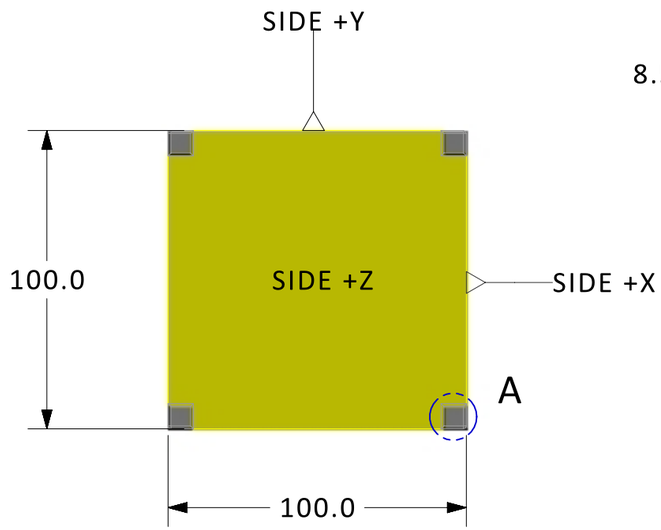
ADDITIONAL NOTES:

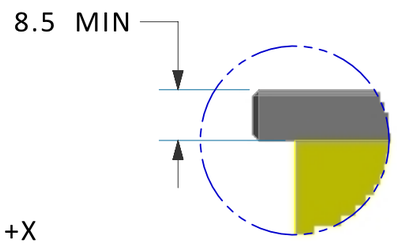
1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

CUBESAT

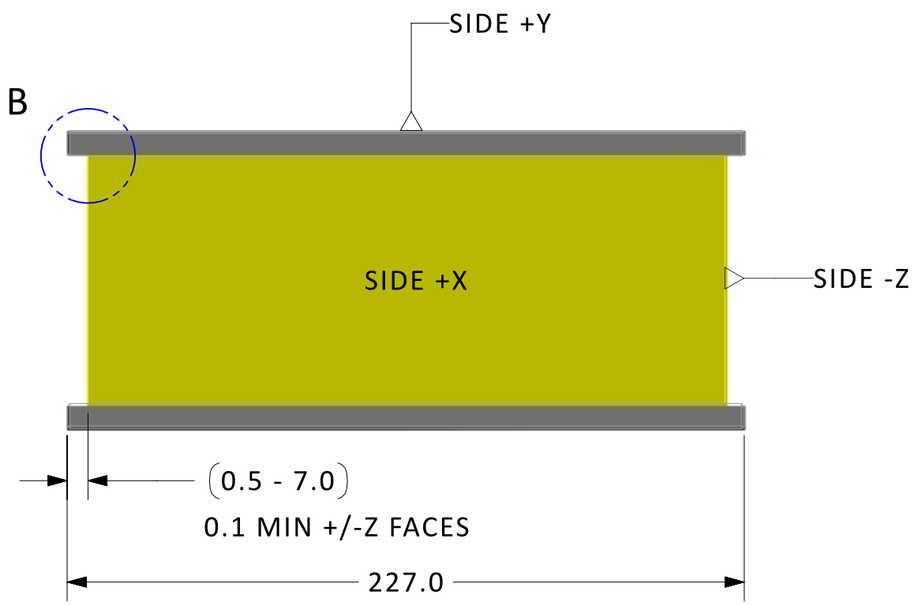
California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

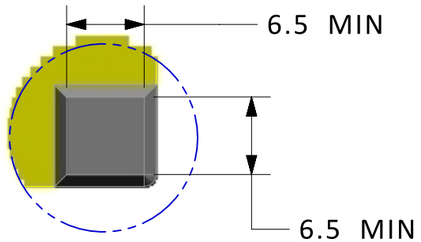
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A.MEH	PART NAME: 1.5U CUBESAT	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
ROUND ALL EDGES AND CORNERS	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
	DRAWING #	CDS-14-002	NOT TO SCALE	DATE: 01/23/2020 — SHEET 1 OF 1



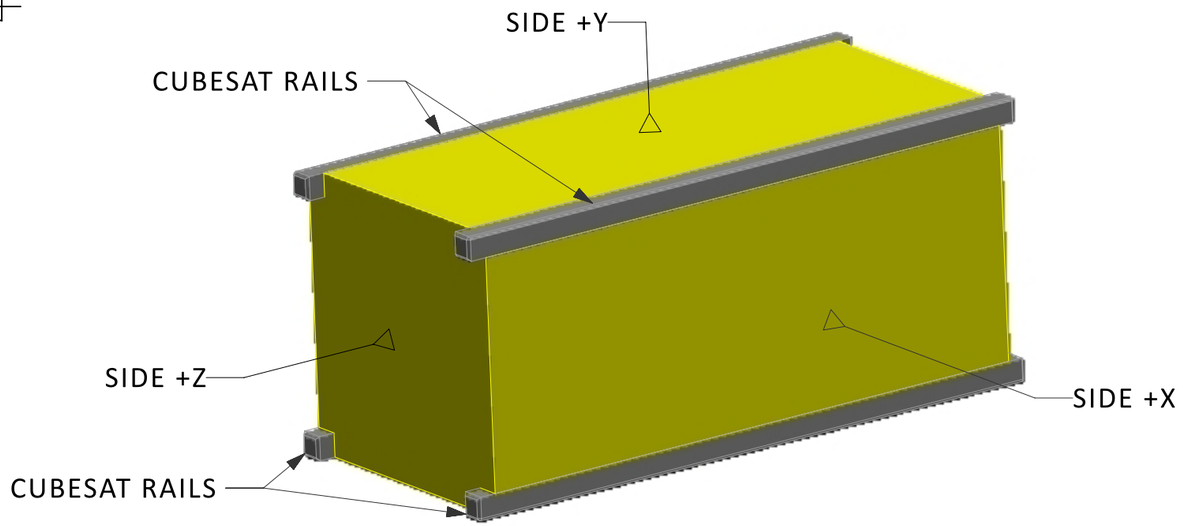


DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE





DETAIL A
STANDOFF CONTACT DETAIL FOR +Z



ADDITIONAL NOTES:

1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

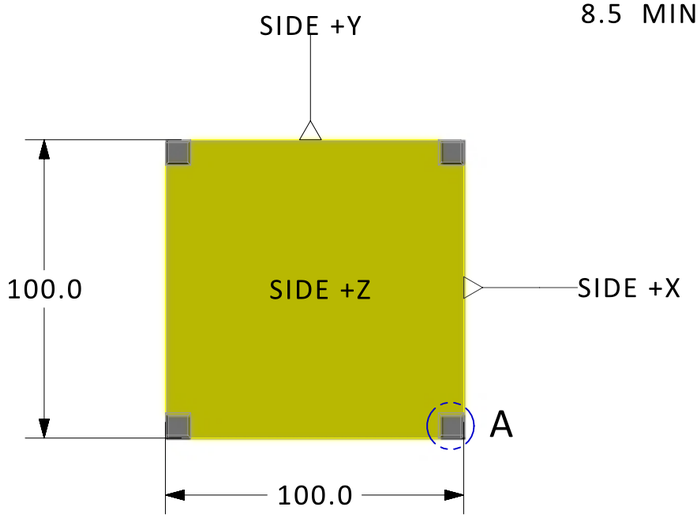
REVISION HISTORY:

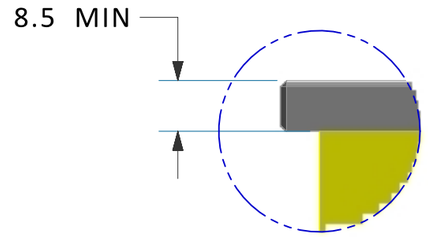
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

CUBESAT

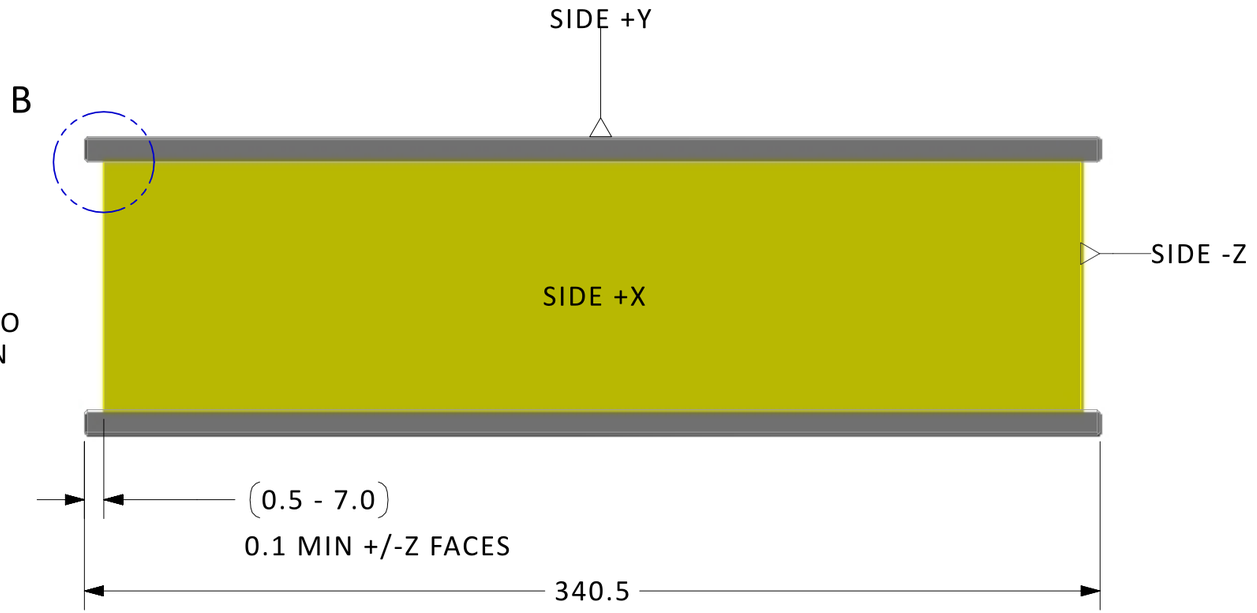
California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

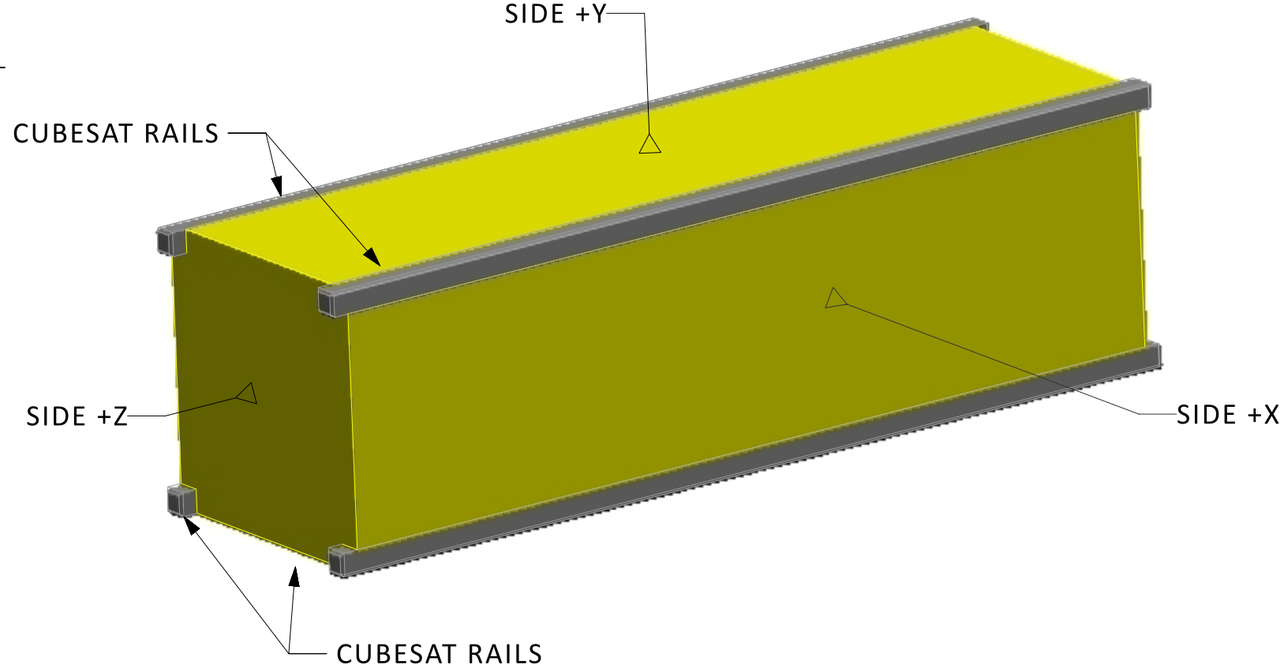
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A. MEH	PART NAME: 2U CUBESAT	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
ROUND ALL EDGES AND CORNERS	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
	DRAWING #	CDS-14-003	NOT TO SCALE	DATE: 01/23/2020 — SHEET 1 OF 1

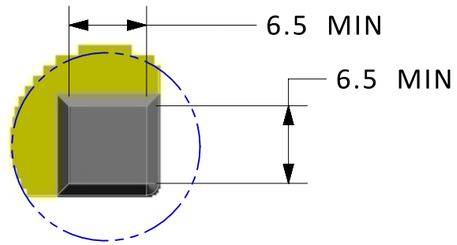




DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE







DETAIL A
STANDOFF CONTACT DETAIL FOR +Z

ADDITIONAL NOTES:

1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

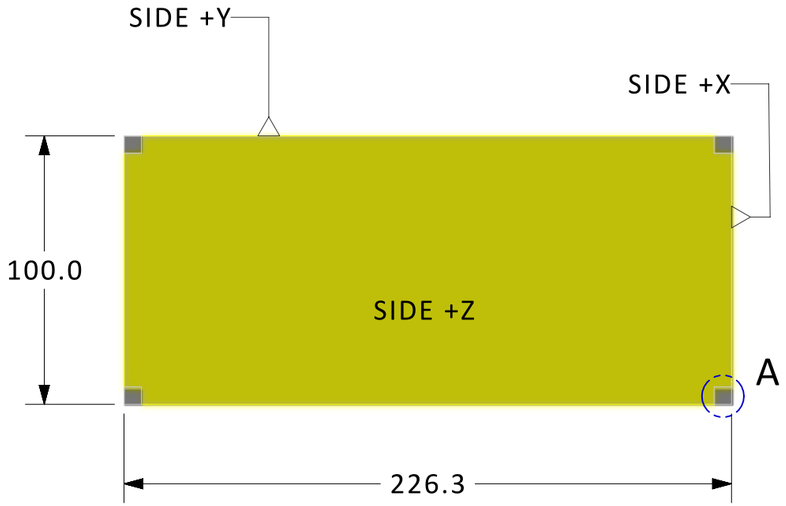
REVISION HISTORY:

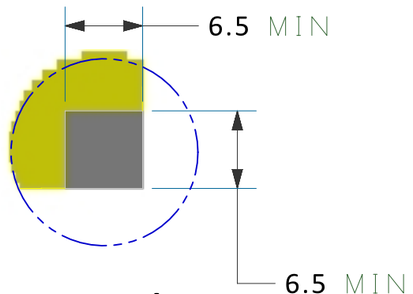
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

CUBESAT

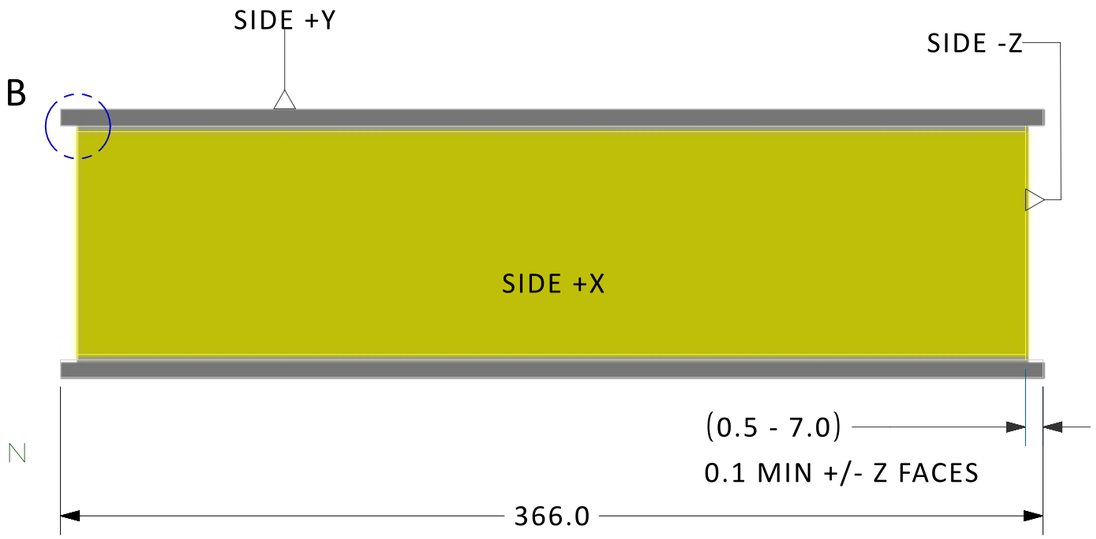
California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

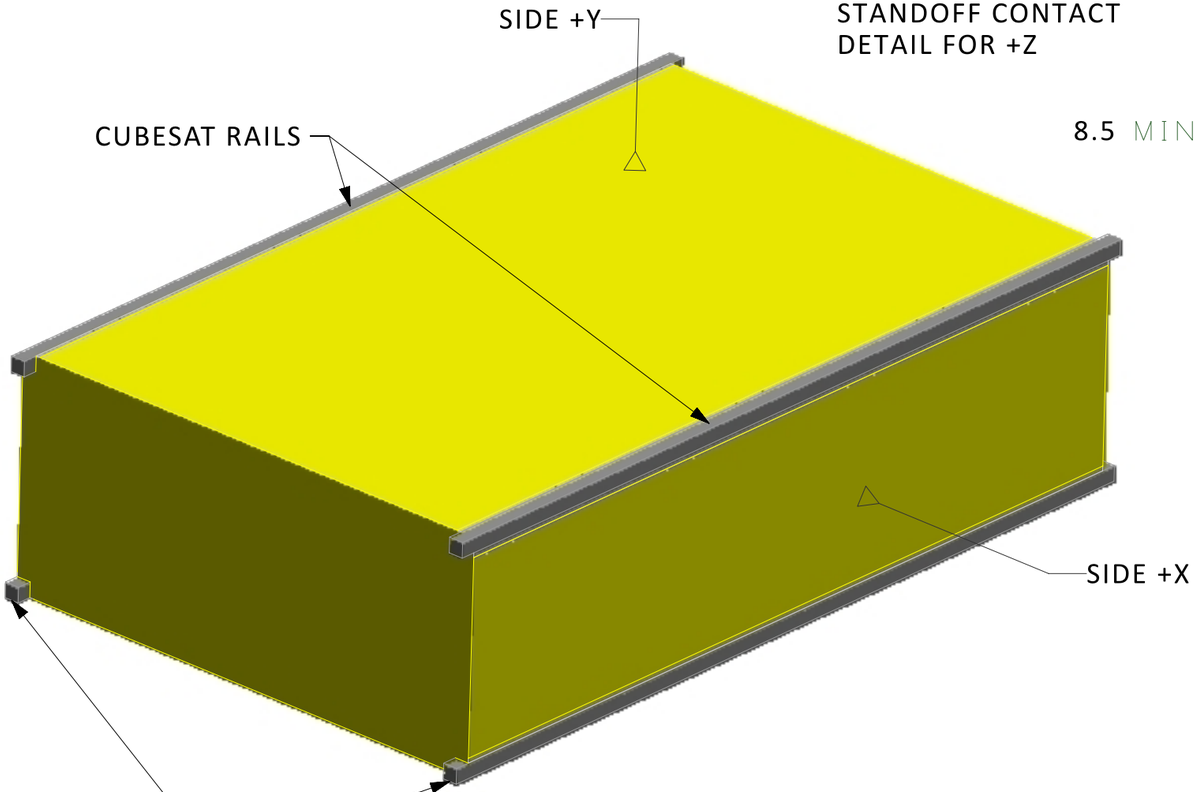
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A. MEH	PART NAME: 3U CUBESAT	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
ROUND ALL EDGES AND CORNERS				
	DRAWING #	CDS-14-004	NOT TO SCALE	DATE: 01/23/2020	SHEET 1 OF 1

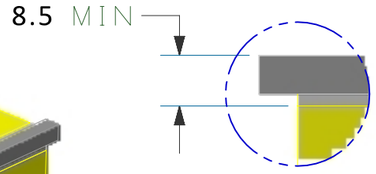




DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z







DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE

ADDITIONAL NOTES:

1) CubeSat coordinate system located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

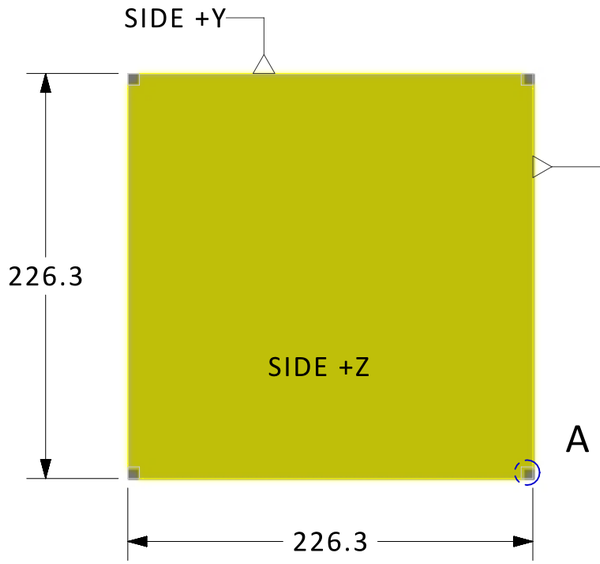
REVISION HISTORY:

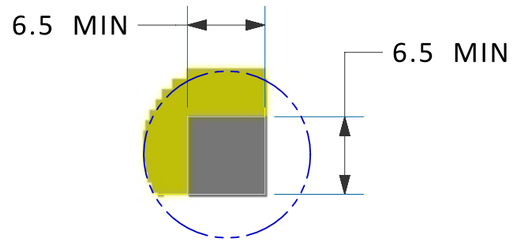
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

CUBESAT

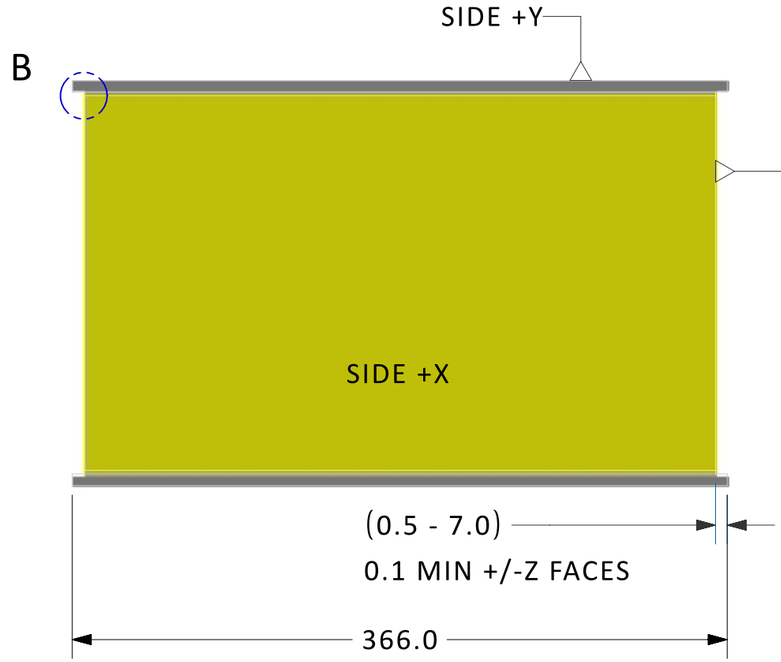
California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

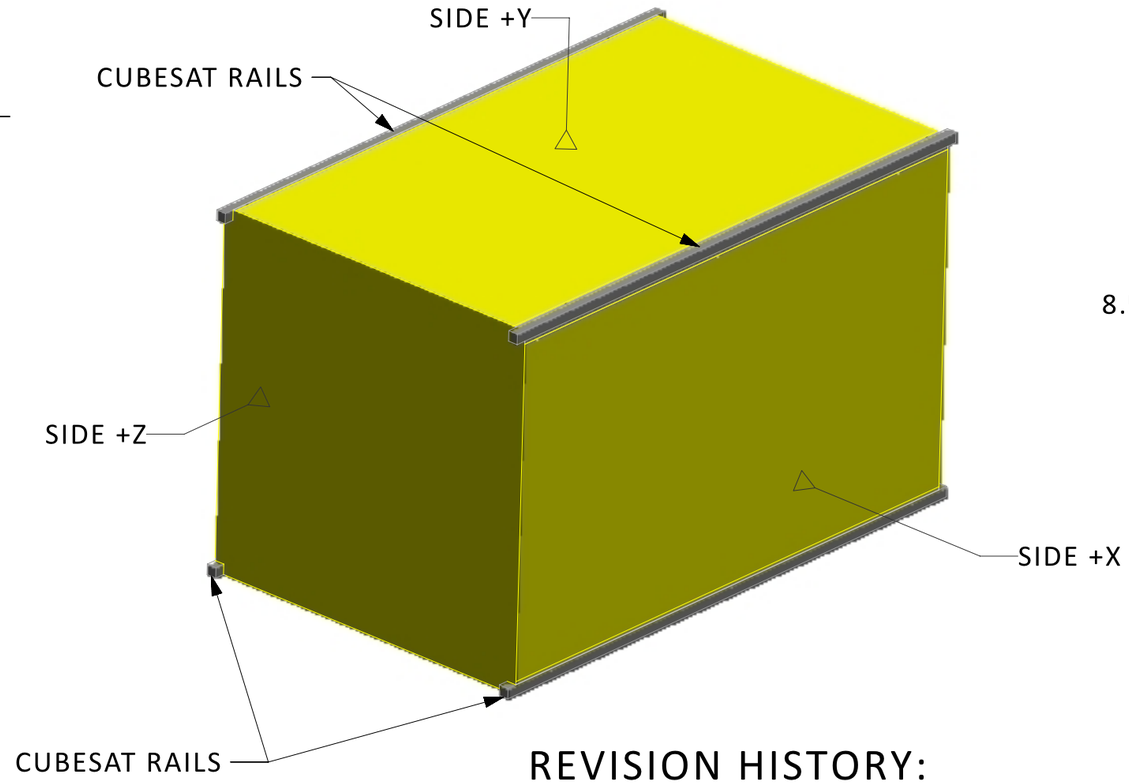
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	I.LAM	PART NAME: 6U CUBESAT	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
ROUND ALL EDGES AND CORNERS	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
	DRAWING #	CDS-14-007	NOT TO SCALE	DATE: 01/23/2020 — SHEET 1 OF 1

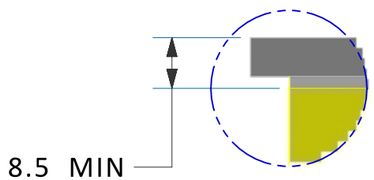




DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z







DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE

ADDITIONAL NOTES:

1) CubeSat coordinate system located in the geometric center of the CubeSat.
2) Protrustions are allowed on the yellow faces.

REVISION HISTORY:

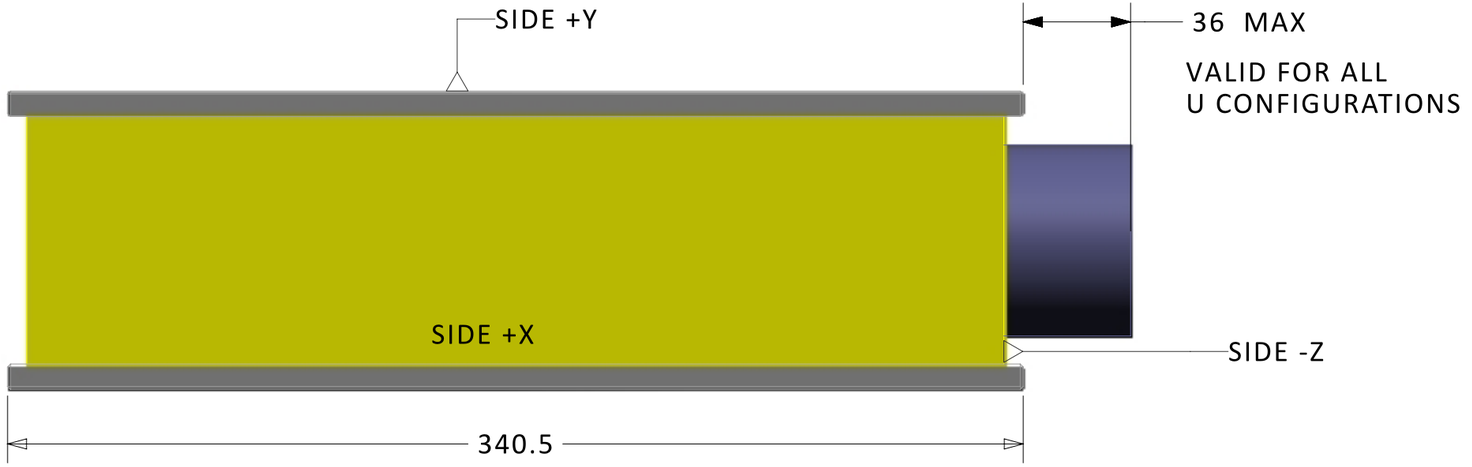
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

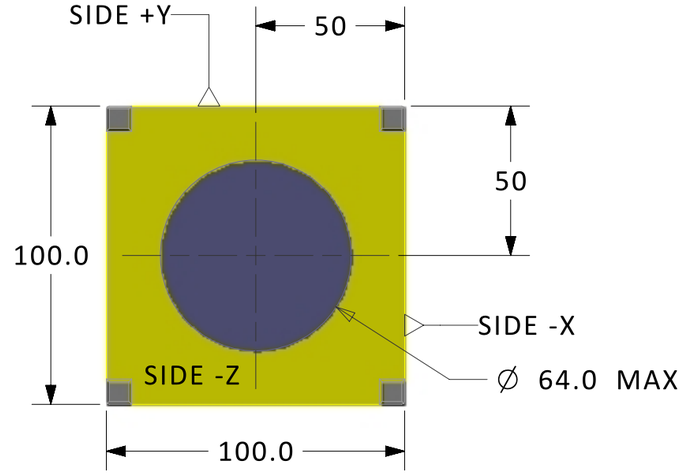
CUBESAT

California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

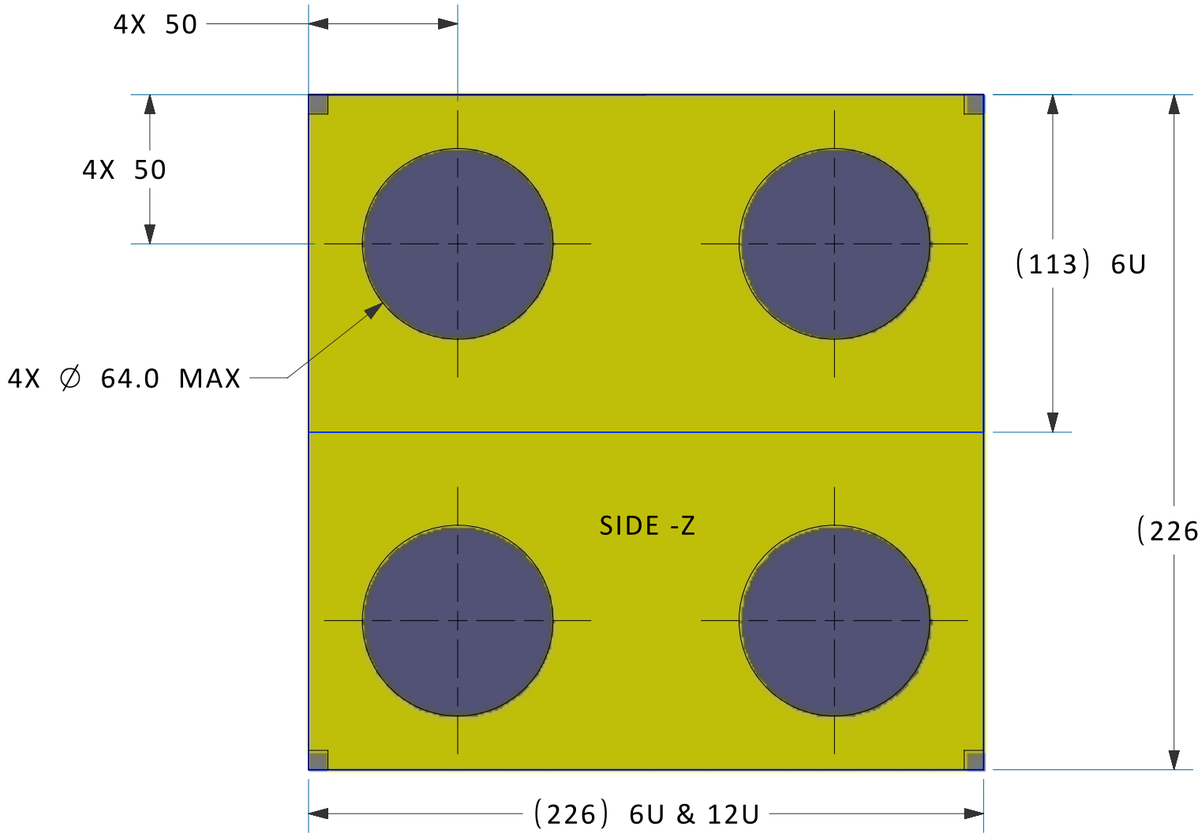
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A.JOH
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH
	CHECKED BY	D.PIG
	APPROVED BY	R.NUG
ROUND ALL EDGES AND CORNERS		
	DRAWING #	CDS-14-008

PART NAME: 12U CUBESAT
REV: 14
SIZE: B
ASSEMBLY: CUBESAT SPECIFICATION
NOT TO SCALE | DATE: 01/23/2020 | SHEET 1 OF 1





3U EXTRA VOLUME



6U & 12U EXTRA VOLUME

ADDITIONAL NOTES:

1) Some CubeSat dispensers offer an "Extra Volume" option, commonly refered to as the "Tuna Can".
2) This drawing defines TC dimensions for 3U 6U, and 12U.
3) Values are not consistent on all dispensers. The values on this drawing are conservative and should comply with most or all available dispensers.

CUBESAT

California Polytechnic State University
CubeSat Program
(805) 756-5087
San Luis Obispo, CA 93407

ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A. MEH	PART NAME: U+ CUBESAT VOLUME	REV: 14
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH		
	CHECKED BY	D.PIG		
	APPROVED BY	R.NUG	SIZE: B	ASSEMBLY: CUBESAT SPECIFICATION
ROUND ALL EDGES AND CORNERS				
	DRAWING #	CDS-14-005	NOT TO SCALE	DATE: 01/23/2020 — SHEET 1 OF 1