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

ADDITIONAL NOTES:
1) CubeSat coordinate is system located in the geometric center of the CubeSat.
2) Protrusions 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

1.5U CUBESAT

ADDITIONAL NOTES:
1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrusions are allowed on the yellow faces.

DRAWN BY
A.JOH
CHECKED BY
D.PIG
APPROVED BY
R.NUG

DRAWING #
C05-14-002
NOT TO SCALE
DATE: 01/23/2020
SHEET 1 OF 1
DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE

(0.5 - 7.0)
0.1 MIN +/- Z FACES

DETAIL A
STANDOFF CONTACT DETAIL FOR +Z

ADDITIONAL NOTES:
1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrusions are allowed on the yellow faces.

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

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) Protrusions are allowed on the yellow faces.

CUBESAT
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San Luis Obispo, CA 93407

3U CUBESAT

DESIGNED BY: A. MEH
DRAWN BY: A. JOH
CHECKED BY: D. PIG
APPROVED BY: R. NUG

ROUND ALL EDGES AND CORNERS
NOT TO SCALE
DATE: 01/31/2020
SHEET 1 OF 1
REVISION HISTORY:
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

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) Protrusions are allowed on the yellow faces.
REVISION HISTORY:
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

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) Protrusions are allowed on the yellow faces.

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12U CUBESAT

REV  14

DEIGNED BY A.JOH
DRAWN BY  A.JOH
CHECKED BY D.PIG
APPROVED BY  R.NUG

SIZE ASSEMBLY

CUBESAT SPECIFICATION

DRAWING # C20-14-008
NOT TO SCALE DATE: 01/23/2020 SHEET 1 OF 1
3U EXTRA VOLUME

ADDITIONAL NOTES:
1) Some CubeSat dispensers offer an "Extra Volume" option, commonly referred 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.