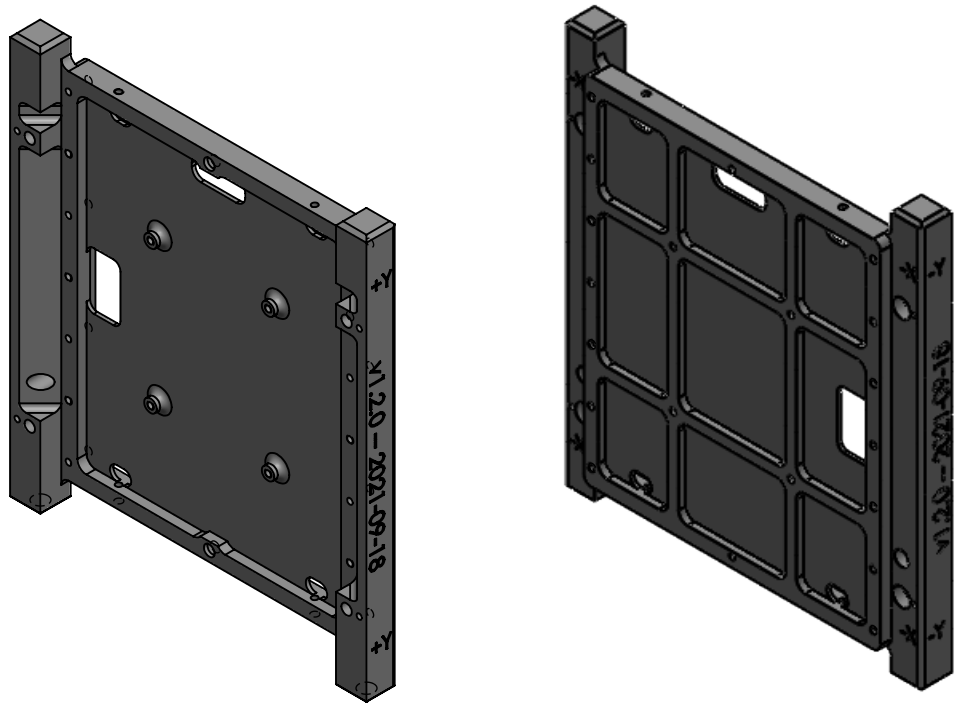
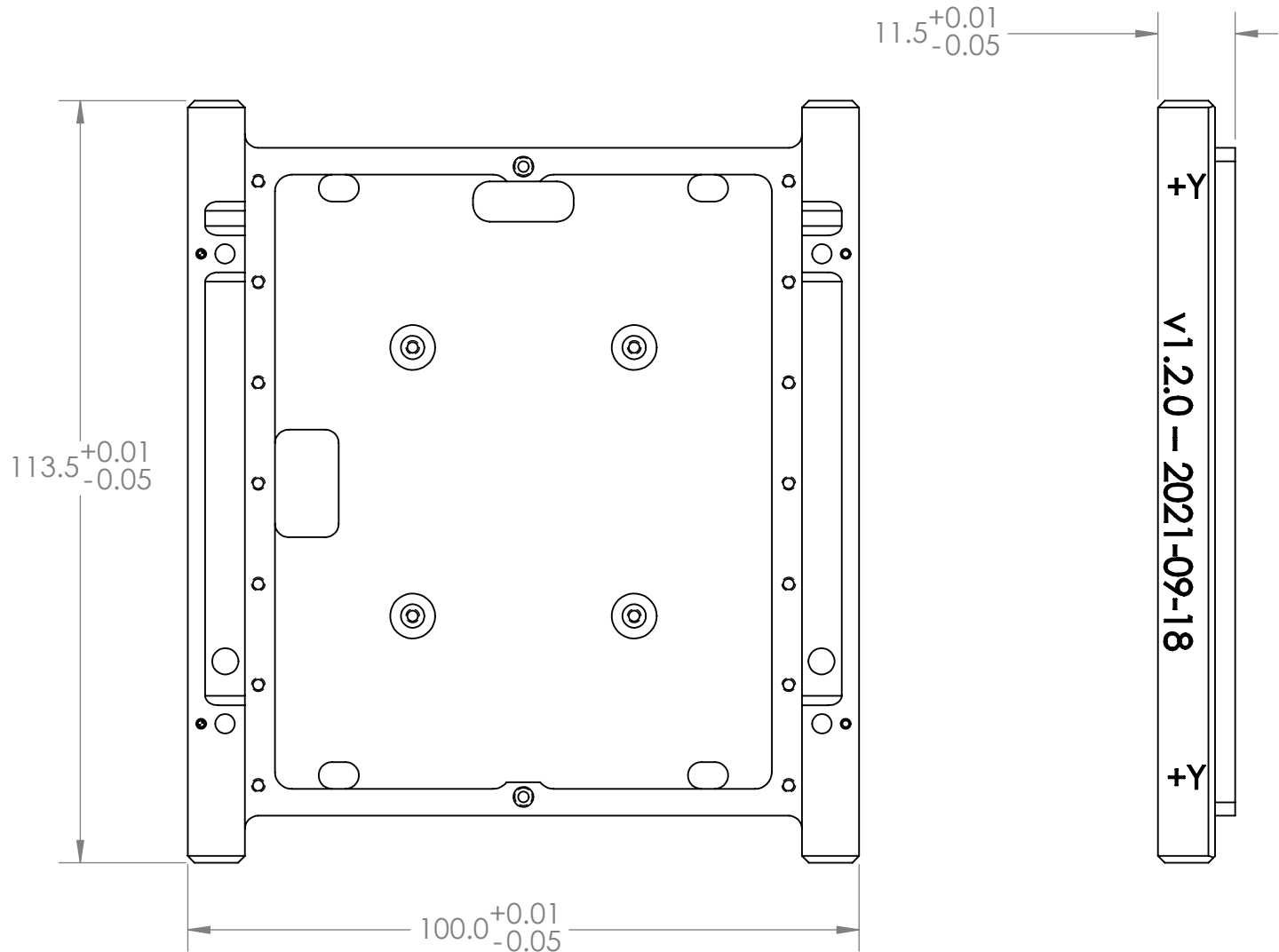




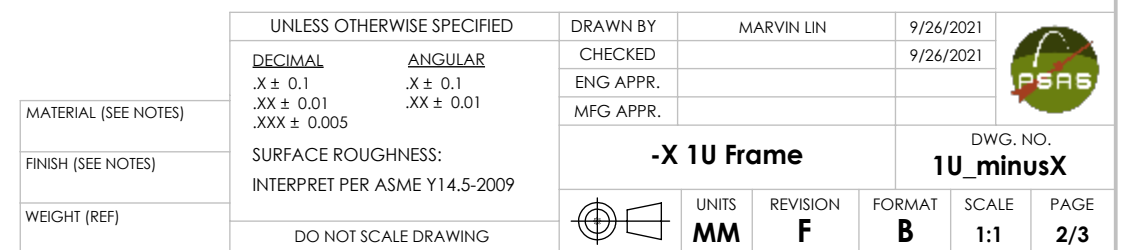
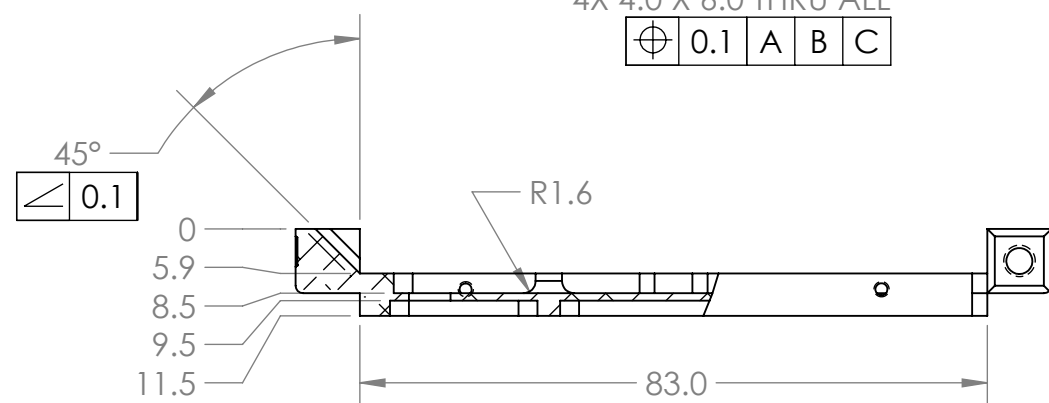
| REVISIONS | | | | |
|-----------|------|---------------------------------------|------------|----------|
| ZONE | REV. | DESCRIPTION | DATE | INITIALS |
| | A | INITIAL RELEASE | 7/13/2020 | EG |
| | B | SHRUNK INTERIOR FILLETS | 7/23/2020 | EG |
| | C | INCREASED SPRING PIN TAP DEPTH BY 2MM | 9/9/2020 | EG |
| | D | ADDED BACKPLANE DEBUG CUTOUT | 10/25/2020 | EG |
| | E | CREATED ANODIZATION DRAWING | 12/20/2020 | EG |
| | F | UPDATED TO MATCH ASME Y14.5 | 9/26/2021 | ML |

GENERAL NOTES UNLESS OTHERWISE NOTED:

1. REFERENCE 1U_FRAME.SLDPRT FOR MODEL BASE DEF
2. REMOVE ALL BURRS AND SHARP EDGES R0.050 MM MAX
3. MATERIAL: ALUMINUM 6061-T6
4. ANODIZATION: TYPE II, BLACK
5. ALL RADII TO ± 0.5 MM UNLESS OTHERWISE SPECIFIED
6. OVERALL PROFILE TOLERANCE TO A MINIMUM GRID OF 5MM UNLESS OTHERWISE SPECIFIED
7. INTERNAL CORNERS RADIUS IS 0.2MM MAXIMUM
8. MACHINE ALL TEXT WITH 90 DEG V BIT WITH DEPTH OF 0.2MM BEFORE ANODIZATION



| | | | | | | | | |
|----------------------|---|----------------|---|-------------|---------------|---|----------------|-------------|
| MATERIAL (SEE NOTES) | UNLESS OTHERWISE SPECIFIED | | DRAWN BY | MARVIN LIN | 9/26/2021 |  | | |
| | <u>DECIMAL</u> | <u>ANGULAR</u> | CHECKED | | 9/26/2021 | | | |
| | .X ± 0.1 | .X ± 0.1 | ENG APPR. | | | | | |
| | .XX ± 0.01 | .XX ± 0.01 | MFG APPR. | | | | | |
| FINISH (SEE NOTES) | SURFACE ROUGHNESS: INTERPRET PER ASME Y14.5-2009 | | -X 1U Frame | | | DWG. NO. 1U_minusX | | |
| WEIGHT (REF) | DO NOT SCALE DRAWING | |  | UNITS MM | REVISION F | FORMAT B | SCALE 1:1.5 | PAGE 1/3 |



| 4 | | | | 3 | | | | 2 | | | | 1 | | | |
|-----|--------|---------|--|--------|-------|--------|--|-----|---|-------|--|-----|---|-------|---|
| TAG | X LOC | Y LOC | SIZE | TAG | X LOC | Y LOC | SIZE | TAG | X LOC | Y LOC | SIZE | TAG | X LOC | Y LOC | SIZE |
| A1 | -94.45 | -90.70 | <div>Ø 2.9 THRU</div> <div><div></div> Ø 5.0 ▾ 3.0</div> <div>⊕ 0.05 (M) A B C</div> | D1 | -98 | 20.70 | <div>Ø 1.5 ^{0.00}_{-0.01} ▾ 3.0</div> <div>⊕ 0.01 (M) A B C</div> | G1 | -95.75 | -4.25 | <div>Ø 3.5 ▾ 12.7</div> <div>8-36 UNF ▾ 10.3</div> <div>⊕ 0.05 A B C</div> | J1 | -77.50 | 8 | <div>Ø 1.6 ▾ 4.0</div> <div>M2X0.4 - 6H ▾ 4.0</div> <div>⊕ 0.05 A B C</div> |
| A2 | -94.45 | -20.70 | | D2 | -98 | 90.70 | | G2 | -4.25 | -4.25 | | J2 | -22.50 | 8 | |
| A3 | -5.55 | -90.70 | | D3 | -2 | 20.70 | | | <div>Ø 1.6 THRU ALL</div> <div>M2X0.4 - 6H THRU ALL</div> <div>⊕ 0.05 A B C</div> | H1 | -77.50 | -8 | <div>Ø 1.6 ▾ 4.0</div> <div>M2X0.4 - 6H ▾ 4.0</div> <div>⊕ 0.05 A B C</div> | | |
| A4 | -5.55 | -20.70 | | D4 | -2 | 90.70 | | | | | | | | | |
| B1 | -94.40 | -30 | E1 | -89.50 | 26.50 | | | | | | | | | | |
| B2 | -5.60 | -30 | E2 | -89.50 | 56.50 | | | | | | | | | | |
| C1 | -89.50 | -101.50 | E3 | -89.50 | 86.50 | | | | | | | | | | |
| C2 | -89.50 | -71.50 | E4 | -66.50 | 36.75 | | | | | | | | | | |
| C3 | -89.50 | -41.50 | E5 | -66.50 | 76.75 | | | | | | | | | | |
| C4 | -89.50 | -11.50 | E6 | -33.50 | 36.75 | | | | | | | | | | |
| C5 | -10.50 | -101.50 | E7 | -33.50 | 76.75 | | | | | | | | | | |
| C6 | -10.50 | -71.50 | E8 | -10.50 | 26.50 | | | | | | | | | | |
| C7 | -10.50 | -41.50 | E9 | -10.50 | 56.50 | | | | | | | | | | |
| C8 | -10.50 | -11.50 | E10 | -10.50 | 86.50 | | | | | | | | | | |
| | | | | F1 | -50 | 9.80 | <div>Ø 1.6 THRU</div> <div>M2X0.4-6H ▾ THRU</div> <div><div></div> Ø 3.0 ▾ 1.0</div> <div>⊕ 0.05 A B C</div> | | | | | | | | |
| | | | | F2 | -50 | 103.70 | | | | | | | | | |

