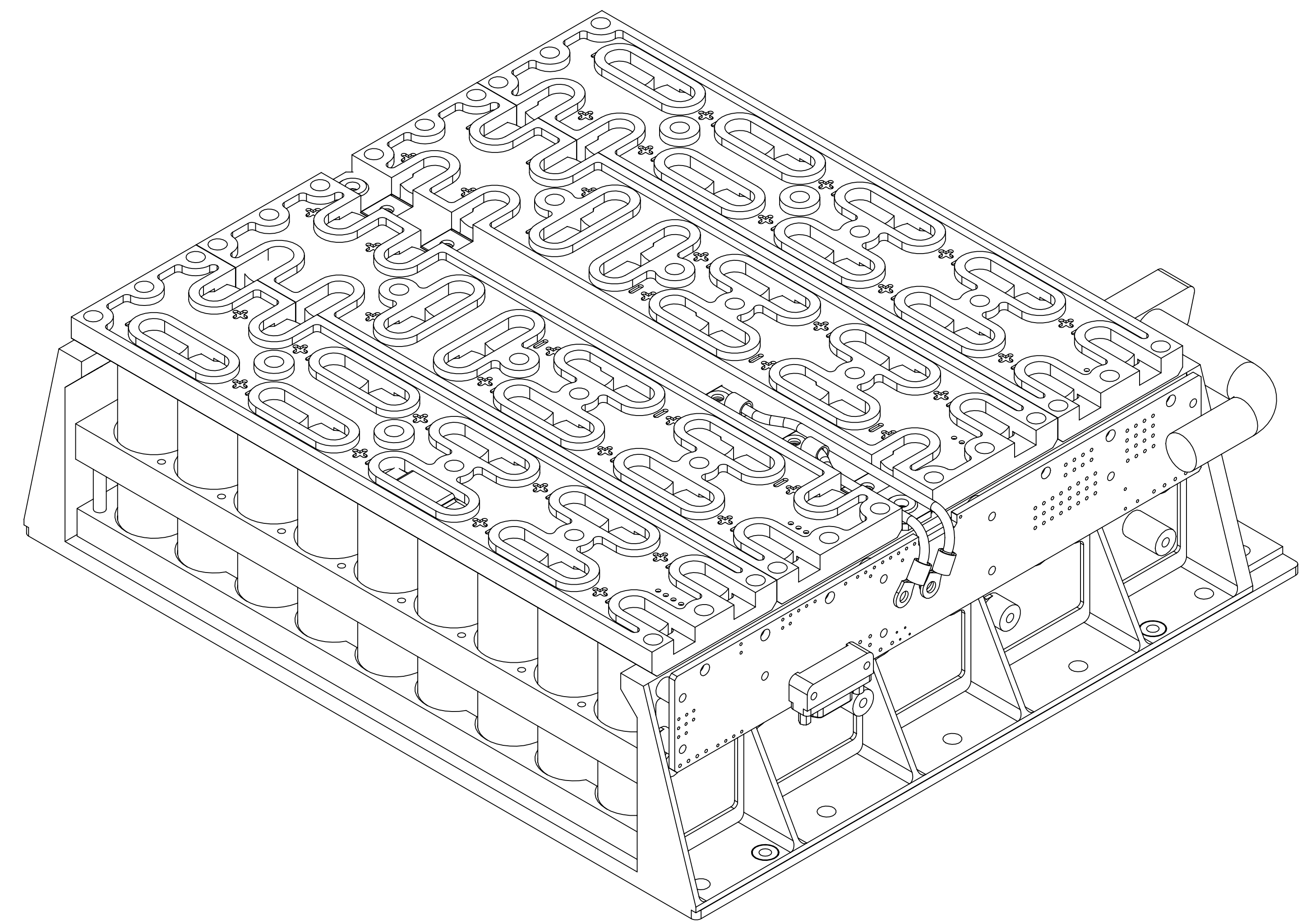
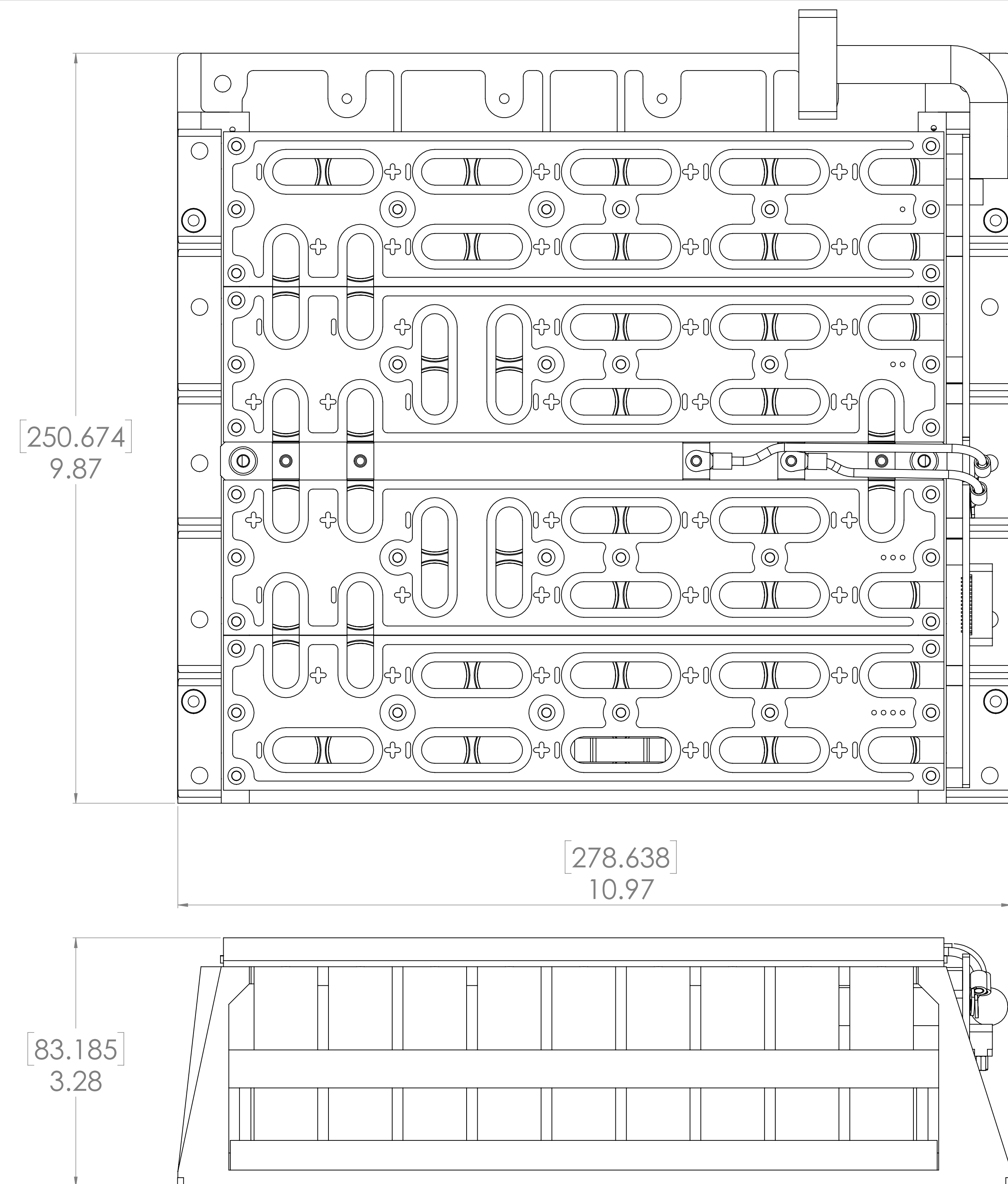


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	INITIAL RELEASE	12/17/2020	JCR



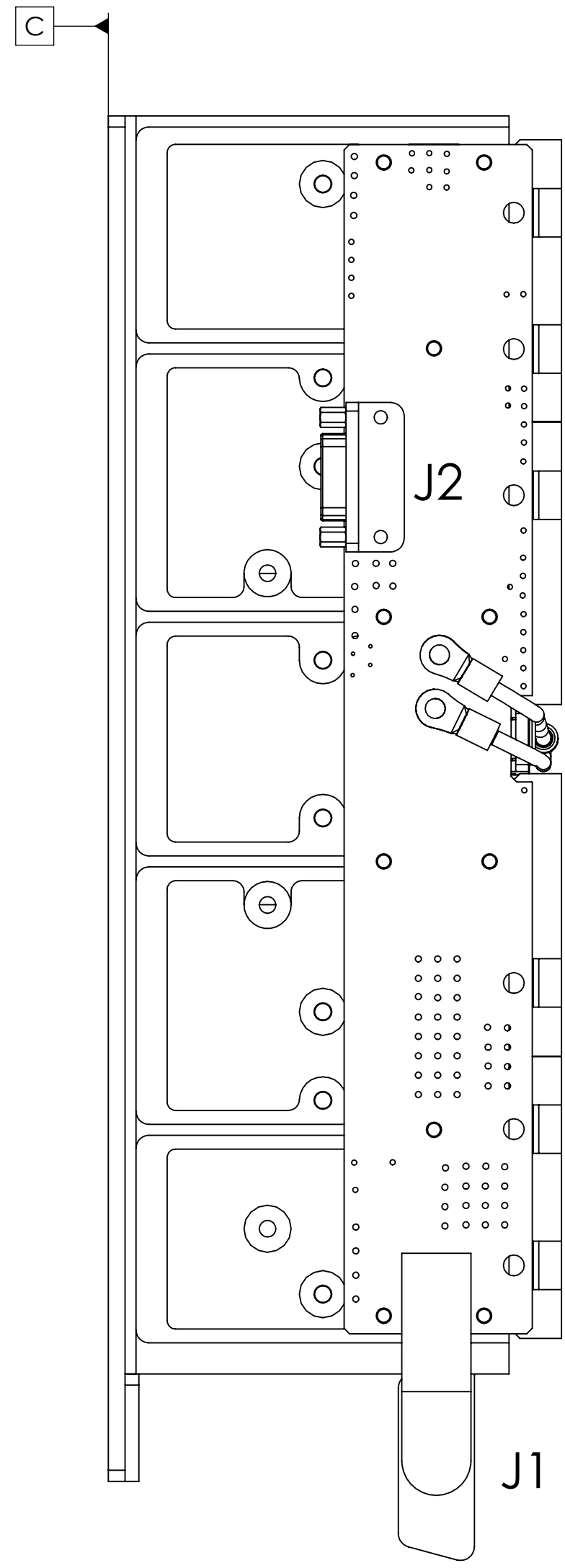
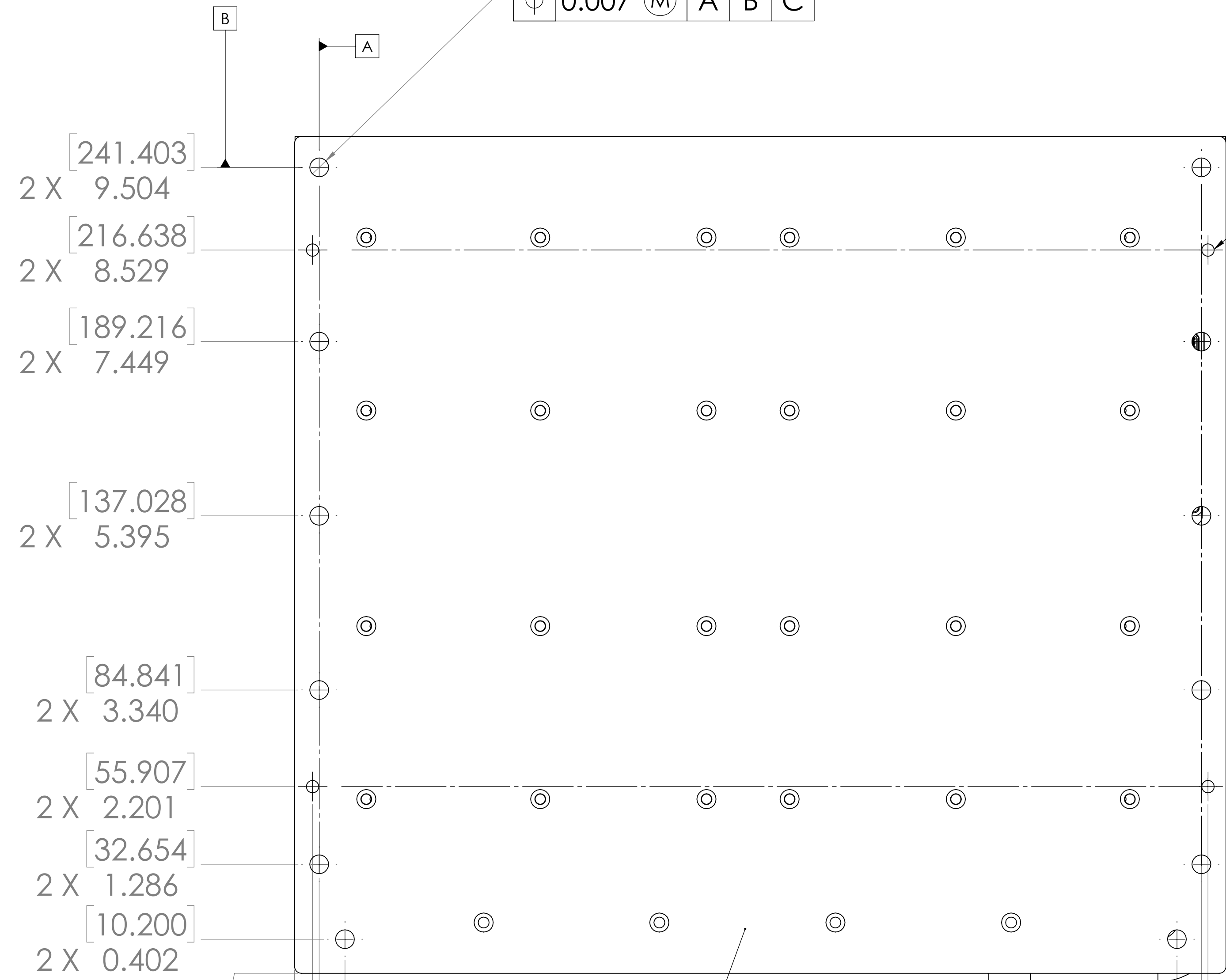
1. ALL EXTERNAL CHASSIS SURFACES ARE AL6061-T651 TREATED WITH CHEM FILM PER MIL-5541 TYPE II, CLASS 3
2. MOUNTING AND LIFT HOLES DETAILS ARE SHOWN ON SHEET 2.
3. ASSEMBLY MASS: < 7.5kg (16.5LB)
4. PRECAUTIONARY PACKAGING, HANDLING, PROCESSING, AND INSTALLATION PROCEDURES SHALL BE USED TO PREVENT DAMAGE FROM ELECTROSTATIC, ELECTROMAGNETIC, AND OTHER ENVIRONMENTAL FIELD FORCES.
5. THIS DRAWING IS THE SOLE AUTHORITY FOR THE BASIC FORM, LOCATION, ORIENTATION, AND DIMENSIONAL CHARACTERISTICS OF ALL DESIGN FEATURES IN ADDITION TO ALL MECHANICAL, THERMAL, AND ELECTRICAL INTERFACE SPECIFICATIONS.

NOTES:

		<b>PROPRIETARY AND CONFIDENTIAL</b> <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF IBEOS, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF IBEOS, LLC IS PROHIBITED.</small>		<b>ibeos, LLC</b> 12110 Sunset Hills Road Suite C4 Reston, VA 20190 Phone: 571-299-6977	
<small>UNLESS OTHERWISE SPECIFIED:          DIMENSIONS ARE IN INCHES (MM)          TOLERANCES ARE AS FOLLOWS:          .XXX = ± .001(.03)          .XX = ± .01(.25)          .X = ± .02(.5)          ANGULAR: ± 1°          INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018          MATERIAL: -</small>		<small>DRAWN</small> <small>CHECKED</small> <small>ENG APPR.</small> <small>MFG APPR.</small> <small>Q.A.</small> <small>COMMENTS:</small>	<small>NAME</small> <small>DATE</small>	<small>DATE</small> 12/17/20	<small>TITLE:</small> ICD kWhr BATTERY ASSEMBLY
<small>NEXT ASSY</small> APPLICATION	<small>USED ON</small>	<small>FINISH</small>	<small>SCALE:</small> 1:1	<small>WEIGHT:</small>	<small>REV</small> 1 <small>SHEET 1 OF 2</small>

8 7 6 5 4 3 2 1

12X  $\varnothing$ 0.221 [5.613] THRU  
 MTG HOLES FOR #10 FASTENERS  
 $\varnothing$  0.007 (M) A B C



THERMAL INTERFACE SURFACE  
 CONTACT AREA = 107 IN<sup>2</sup>

[264.211] 10.402  
 [271.526] 5 X 10.690  
 [273.507] 2 X 10.768

J1: 50 SOCKET STD D-SUB

Pin	Signal	Pin	Signal	Pin	Signal
1	Power	18	Power	34	Power
2	Power	19	Power	35	Power
3	Power	20	Power	36	Power
4	Power	21	Power	37	Power
5	Power	22	Power	38	Power
6	Power	23	Power	39	Power
7	Power	24	Power	40	Power
8	Power	25	Power	41	Power
9	N/A	26	N/A	42	N/A
10	RTN	27	RTN	43	RTN
11	RTN	28	RTN	44	RTN
12	RTN	29	RTN	45	RTN
13	RTN	30	RTN	46	RTN
14	RTN	31	RTN	47	RTN
15	RTN	32	RTN	48	RTN
16	RTN	33	RTN	49	RTN
17	RTN			50	RTN

J2: 15 SOCKET MICRO-D

Pin	Signal
1	HTR1_PWR
2	HTR2_PWR
3	HTR1_RTN
4	HTR2_RTN
5	Thermistor 1+
6	Thermistor 1-
7	Thermistor 2+
8	Thermistor 2-
9	Batt_sense_pos_1
10	Batt_sense_rtn_1
11	Batt_sense_pos_2
12	Batt_sense_rtn_2
13	Inhibit_neg
14	Inhibit_pos
15	Chassis_GND

8 7 6 5 4 3 2 1

BATTERY ASSEMBLY