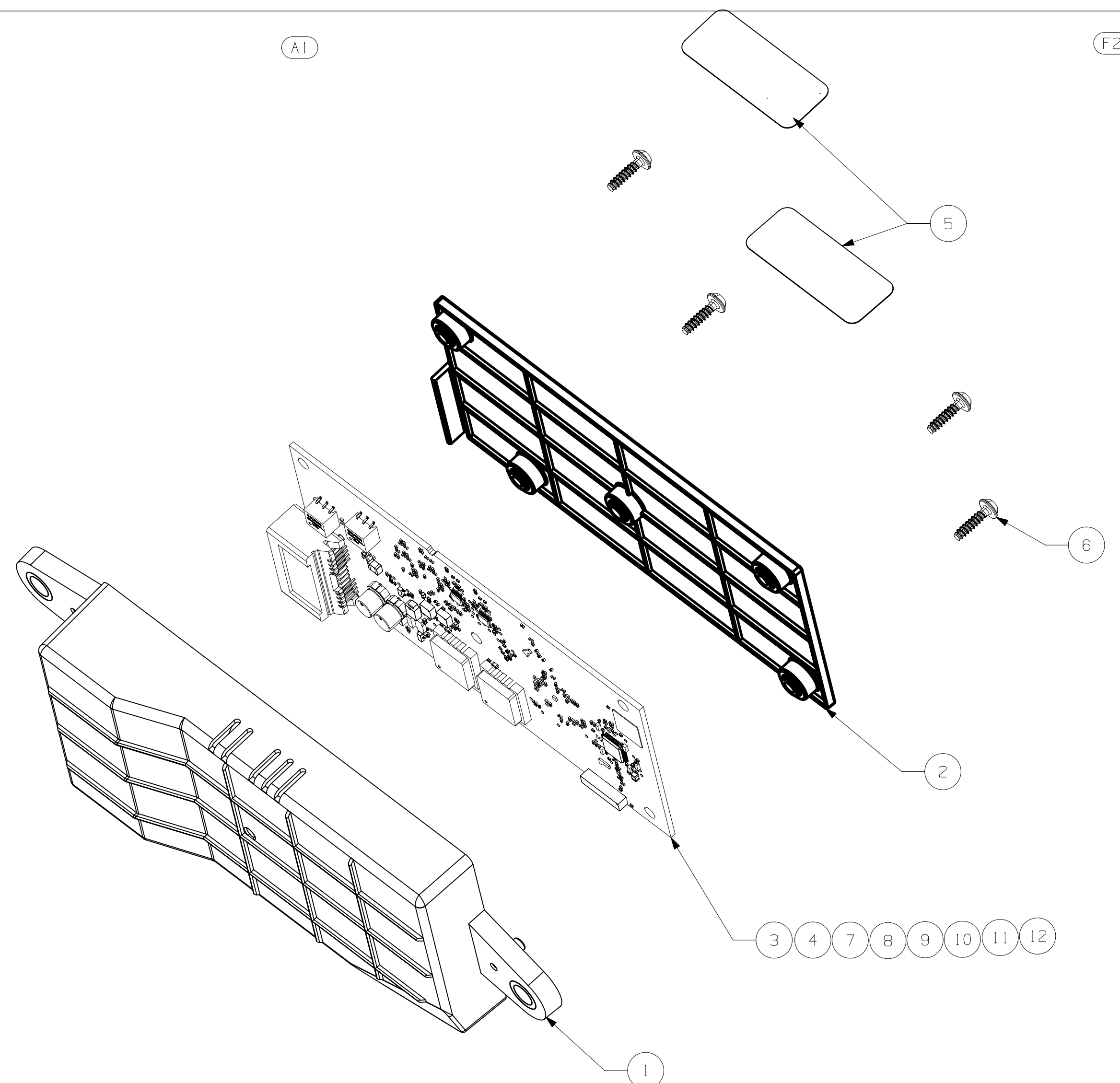
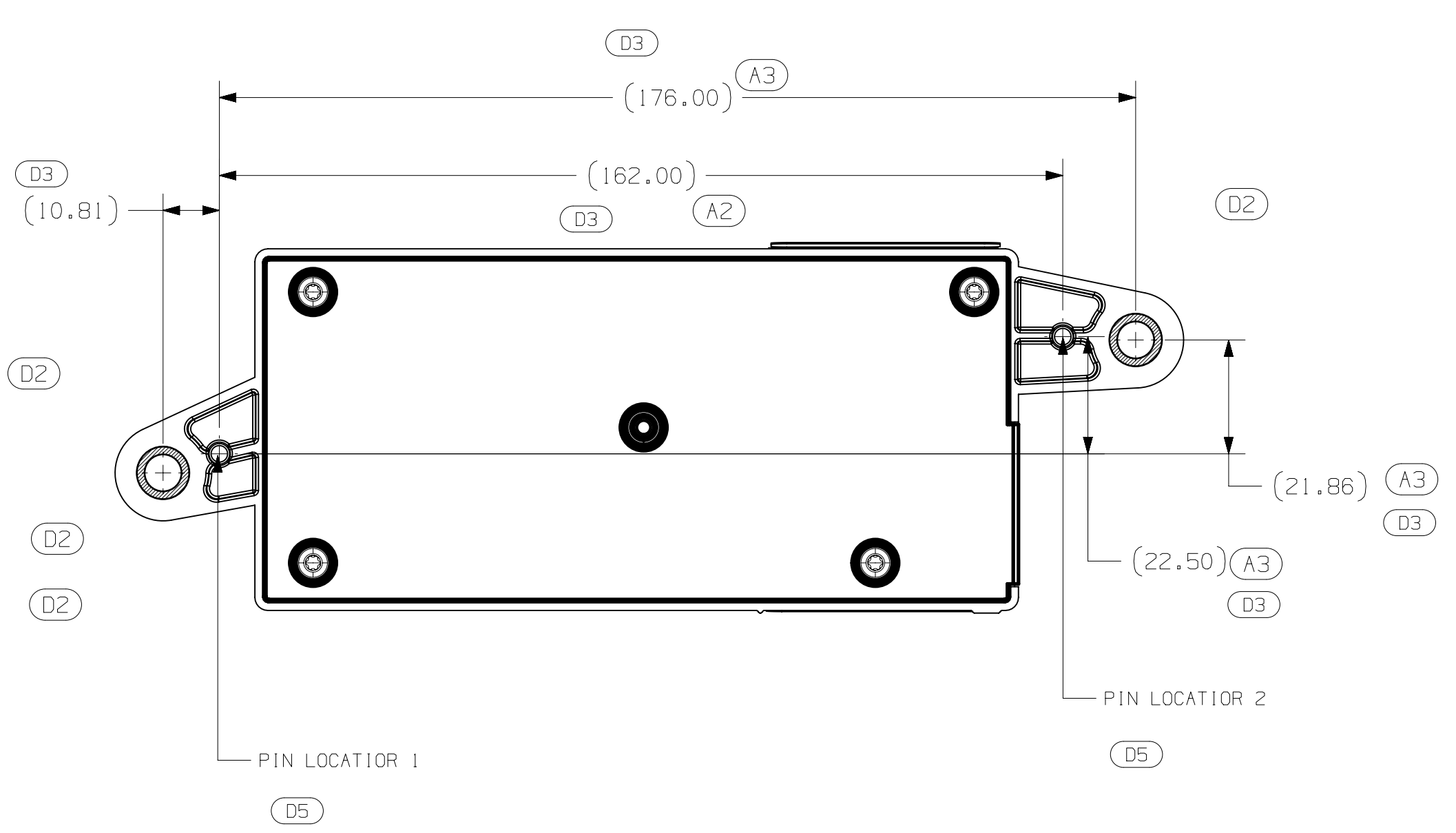
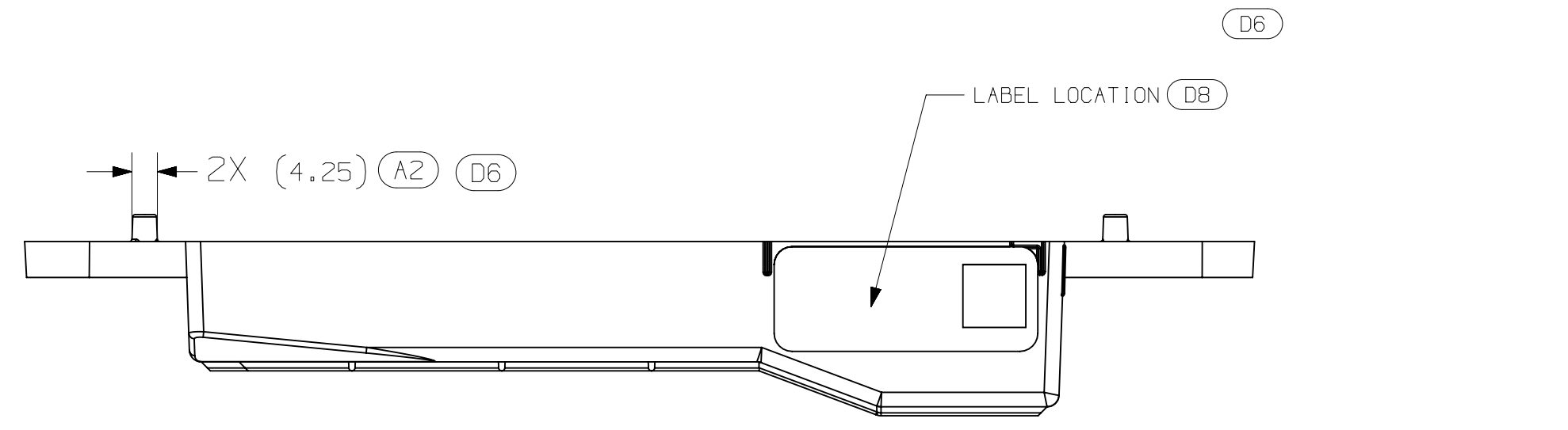
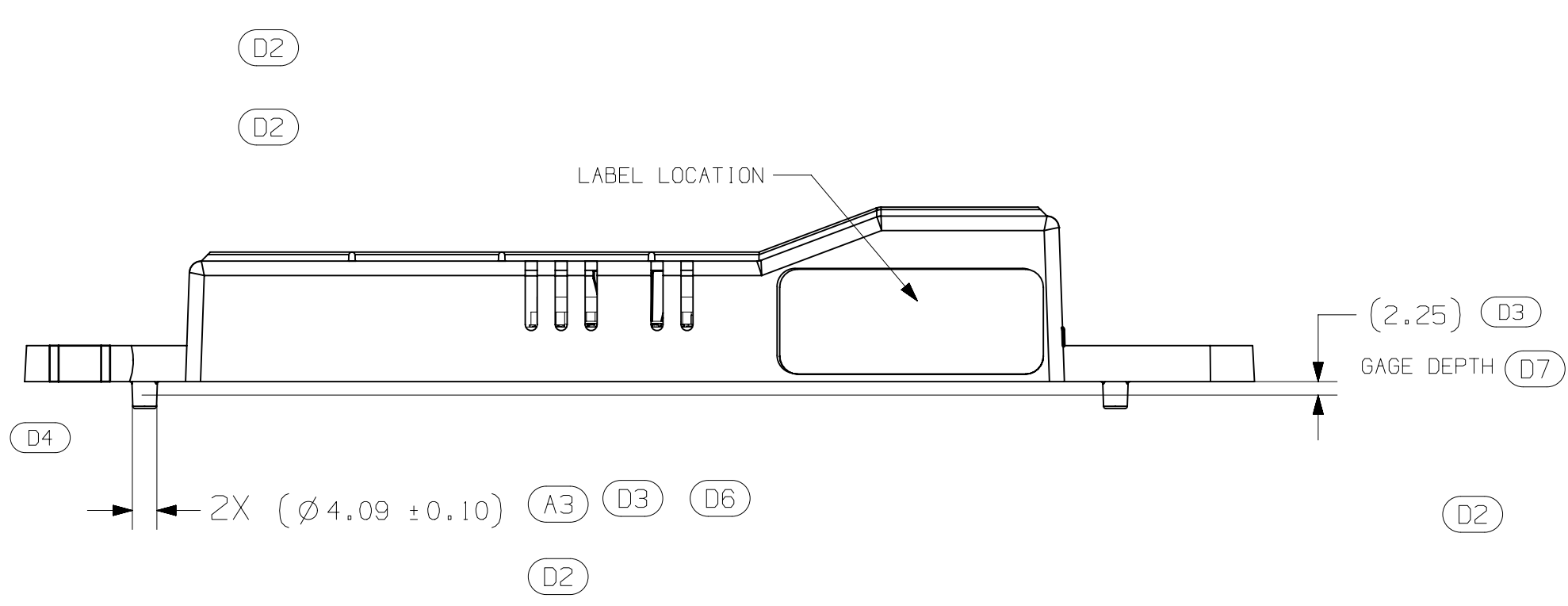
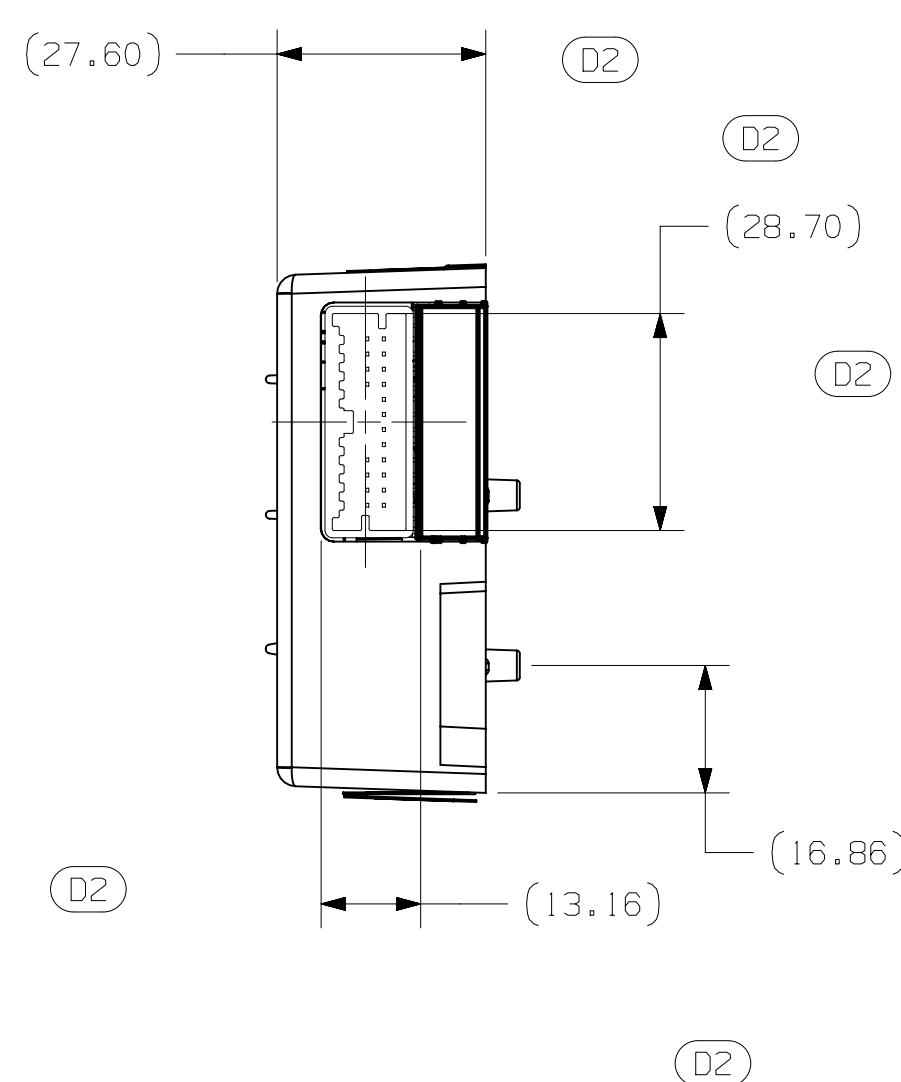
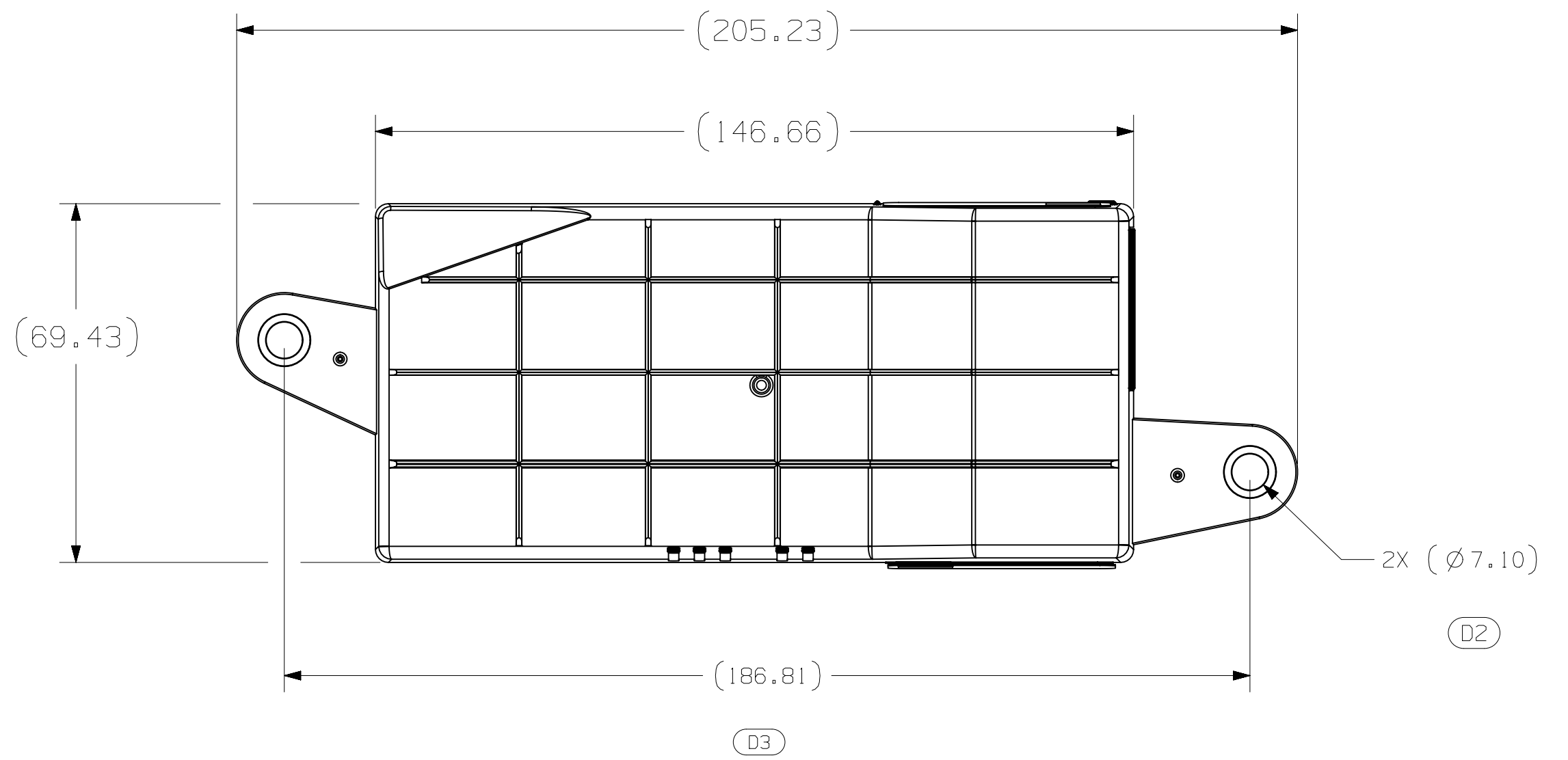




FOR DIMENSIONS REFER TO CUSTOMER DRAWING (D1)

1							12	VPNAMU-14B115-P	SINGLE DIAMOND PRESSURE SENSOR PCB ASSY		
							11	VPNAMU-14B115-J	SINGLE PINNACLE PRESSURE SENSOR PCB ASSY		
							10	VPNAMU-14B115-K	DUAL PRESSURE AND THERMAL SENSOR PCB ASSY		
							9	VPNAMU-14B115-N	SINGLE PRESSURE AND THERMAL SENSOR PCB ASSY		
							8	VPNAMU-14B115-F	BRFM DUAL PINNACLE PCB ASSY		
							7	VPNAMU-14B115-E	BRFM SINGLE PINNACLE PCB ASSY		
4	4	4				4	6	VPGB7F-19G406-D	SCREWS		
1	1	1				2	2	VPNAMU-12A651-A	VPFM LABEL		
							1	4	VPNAMU-14B115-H	BRFM DUAL DIAMOND PCB ASSY	
								1	3	VPNAMU-14B115-G	BRFM SINGLE DIAMOND PCB ASSY
1	1	1				1	1	2	VPNAMU-14B129-B	BRFM COVER	
1	1	1				1	1	1	VPNAMU-14B128-B	BRFM HOUSING ASSEMBLY	
QTY	QTY	QTY	QTY	QTY	QTY	QTY	ITEM #	VISTEON PRT NO	DESCRIPTION		

M. Y.	2022	2022	2022	2022	2022
	(B1)	(B2)	(B2)	(B1)	(B1)
				(C1)	(C1)
				(E1)	(E1)
				(F1)	(F1)
				(G1)	(G1)
				(H1)	(H1)

PRT NO.	VPNAMU-12A651-HA	VPNAMU-12A651-FA	VPNAMU-12A651-EA	VPNAMU-12A651-BG	VPNAMU-12A651-AF
GM DWG NUMBER	N/A	N/A	N/A	24048742	24048744
GM PRT NO.	24048483	HX061236	HX061232	24048484	24048485
DESCRIPTION	SINGLE DIAMOND PRESSURE SENSOR	DUAL PRESSURE AND THERMAL SENSOR	SINGLE PRESSURE AND THERMAL SENSOR	BRFM DUAL DIAMOND	BRFM SINGLE DIAMOND

UNLESS OTHERWISE SPECIFIED:
VISTEON APPROVAL OF PRODUCTION SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF INITIAL PRODUCTION.
CAD FILE DEFINES NOMINAL GEOMETRY. THE ENGINEERING DRAWING DEFINES TOLERANCES OF THE GEOMETRY.
DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009
(F3) (SCIF) MUST COMPLY TO FMVSS302. TEST TO GMW3232
MUST MEET GMW3172
THE FINAL ASSEMBLY MUST BE CHECKED ON THE FINAL CHECK FIXTURE FOR THE CONTROL PLAN
ALL DIMENSIONS ARE IN MILLIMETERS(MM)
THE BRFM SHALL MEET BRFM COMPONENT TECHNICAL SPECIFICATIONS
FLAMABILITY SHALL MEET GMW 3232
RESTRICTED AND REPORTABLE CHEMICALS PER GMW 3059
34826-9200 - MOLEX PN FOR 20 PINS HEADER USED - 1(TUBE PACKAGING))
(F3) (SCIF) SCREW TORQUE VPGB7F-19G406-DB: 1.1 Nm +/- 0.1 Nm (4 PLACES)
ALTERNATE SCREW VPCLCF-19G406-CC
THE BRFM IS AN UNSEALED SYSTEM (P5K0)
WHERE DIMENSIONS ARE SPECIFIED ON THE DRAWING, THE DRAWING IS THE AUTHORITY FOR DIMENSIONAL VALUES
WHERE DIMENSIONS ARE NOT SPECIFIED ON THE DRAWING, THE DIGITAL MODEL IS THE AUTHORITY FOR DIMENSIONAL VALUES
DIMENSIONS OBTAINED FROM THE DIGITAL MODEL ARE BASIC:
1. FOR RELATIONSHIPS BETWEEN FEATURES WHEN ESTABLISHED BY GEOMETRIC TOLERANCES.
2. FOR THE FORM OF A FEATURE WHEN CONTROLLED BY A PROFILE TOLERANCE.
3. FOR THE SIZE, FORM AND/OR RELATIONSHIP BETWEEN FIXED DATUM TARGETS.
DIMENSIONS OBTAINED FROM THE DIGITAL MODEL ARE ROUNDED TO TWO DECIMAL PLACES (PER IEEE/ASTM SI 10-2010)
ALL GAPS MUST BE LESS THAN 1 mm
UNLESS OTHERWISE SPECIFIED GENERAL TOLERANCE (D6.6) (A) (B) (C)

LTRS	REVISIONS			
	DATE	ORIGINATOR	REVIEWER	ENGR APP
INITIAL RELEASE CN00122672				
20201013	CPRIETO2	HSANCH5	FVILLELA	
A1 UPDATED PICTORIALLY IN LINE WITH VPNAMU-14B128-BB A2 5X ADDED DIMENSION A3 9X UPDATED DIMENSION A4 8X ADDED ROW ON TABLE REMOVED VPNAMU-12A651-BA RELEASED VPNAMU-12A651-BB/CA/DA/EA/FA/GA/HA CN00123896				
20210215	CPRIETO2	MSANTAN3	FVILLELA	
B1 3X UPDATED GM PART NUMBER B2 3X REMOVED PART REMOVED VPNLPF-12A651-CA/DA/GA CN00125020				
20210521	CPRIETO2	CPRIETO2	ERUELAS	
C1 2X UPDATED GM PART NUMBER REMOVED VPNLPF-12A651-AA/BB RELEASED VPNLPF-12A651-AB/BC CN00125271				
20210621	CPRIETO2	CPRIETO2	FVILLELA	
D1 ADDED NOTE D2 14X REMOVED DIMENSIONS D3 8X CHANGED DIMENSIONS TO REFERENCE D4 REMOVED CROSS-HATCHED AREA D5 2X ADDED NOTES "PIN LOCATION" D6 WAS 1X D7 ADDED NOTE D8 ADDED NOTE "LABEL LOCATION" CN00125848				
20210723	GCASSIAN	MSANTAN3	FVILLELA	
E1 2X UPDATED GM PART NUMBER REMOVED VPNAMU-12A651-AB/BC RELEASED VPNAMU-12A651-AC/BD CN00125975				
20210824	GCASSIAN	CPRIETO	FVILLELA	
F1 2X UPDATED GM PART NUMBER F2 UPDATED GEOMETRY F3 3X ADDED SCIF REMOVED VPNAMU-12A651-AC/BD RELEASED VPNAMU-12A651-AD/BE CN00126301				
20210911	GCASSIAN	CPRIETO	FVILLELA	
G1 2X UPDATED GM PART NUMBER REMOVED VPNAMU-12A651-AD/BE RELEASED VPNAMU-12A651-AE/BF CN00126543				
20210929	GCASSIAN	CPRIETO	FVILLELA	
H1 2X UPDATED GM PART NUMBER REMOVED VPNAMU-12A651-AE/BF RELEASED VPNAMU-12A651-AF/BG CN00127056				
20211201	GCASSIAN	CPRIETO	FVILLELA	

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DRAFTED IN ACCORDANCE WITH VISTEON ENGINEERING CAD STANDARDS 1.2			MUST COMPLY WITH GADSL, VISTEON AND APPLICABLE OEM RESTRICTED SUBSTANCE MANAGEMENT STANDARDS		
ORIGINATOR CPRIETO2	DATE 20201013	REVIEWER HSANCH5	DATE 20201013	ENGINEER FVILLELA	DATE 20201013
		CUSTOMER DATA TYPE Tc/NX		SCALE: 1:1 UNITS: MM SHT: 1 OF 1 RH/LH: N/A	
		CUSTOMER NUMBER GENERAL MOTORS		DWG SIZE: A0	
				DTMC :1S MASTER	
NAME					

MODULE - POWERTRAIN CONTROL

00371604-01	VPNAMU-12A651-HA
00371602-01	VPNAMU-12A651-FA
00371601-01	VPNAMU-12A651-EA
00369334-08	VPNAMU-12A651-BG
00369602-07	VPNAMU-12A651-AF
GBC PART NUMBER	PART NUMBER

CAD FILE	VPNAMU-12A651-A/009	DATA TYPE	NX 11
DWG FILE	VPNAMU-12A651-A.DWG/009		
DATA LOC	TCU0		
PRODUCT	GM BEV3 BRFM MY22-24		
GBC NUMBER	00369602-07		
LEGACY NUMBER	VPNAMU-12A651-AF		

