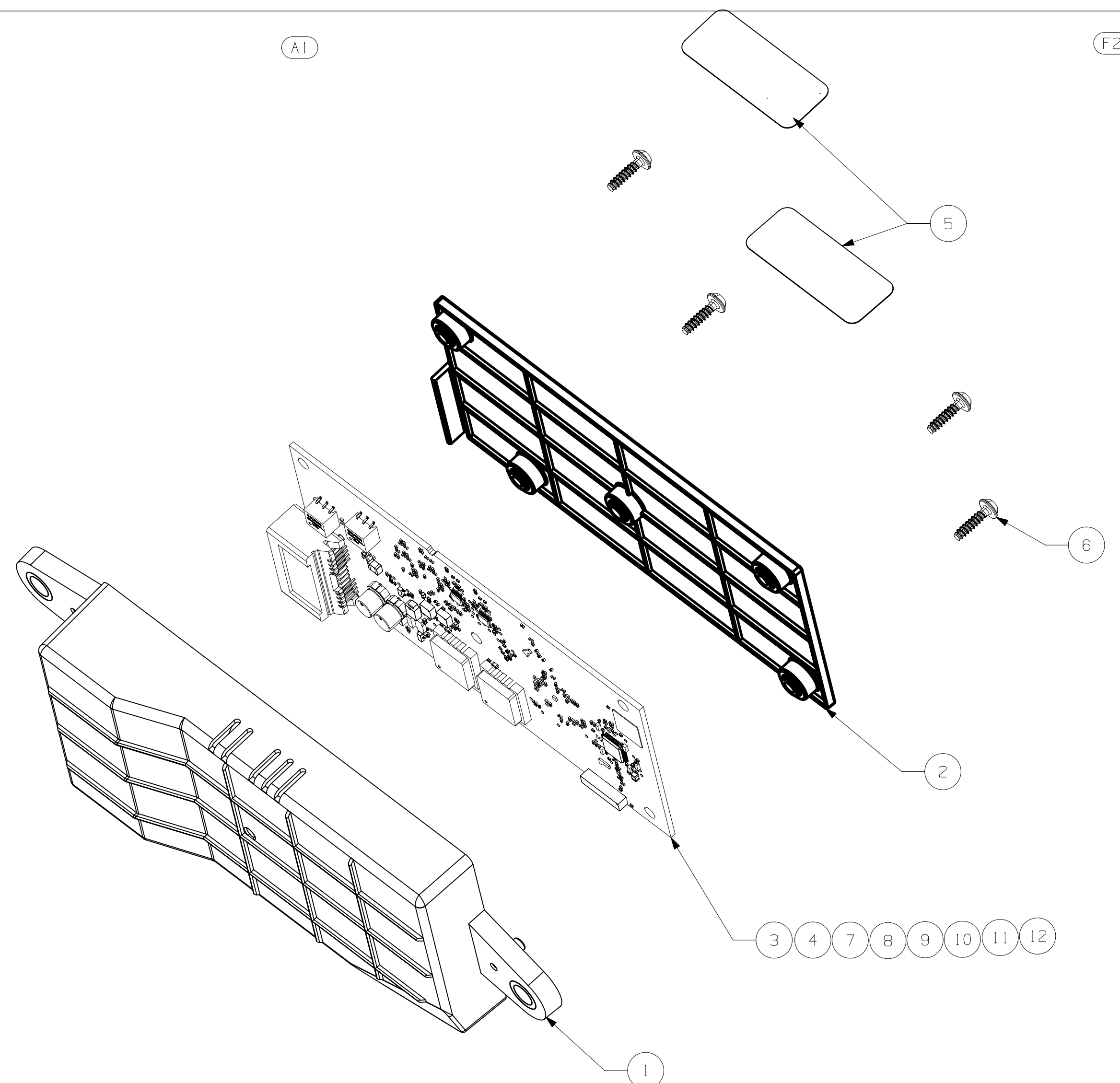
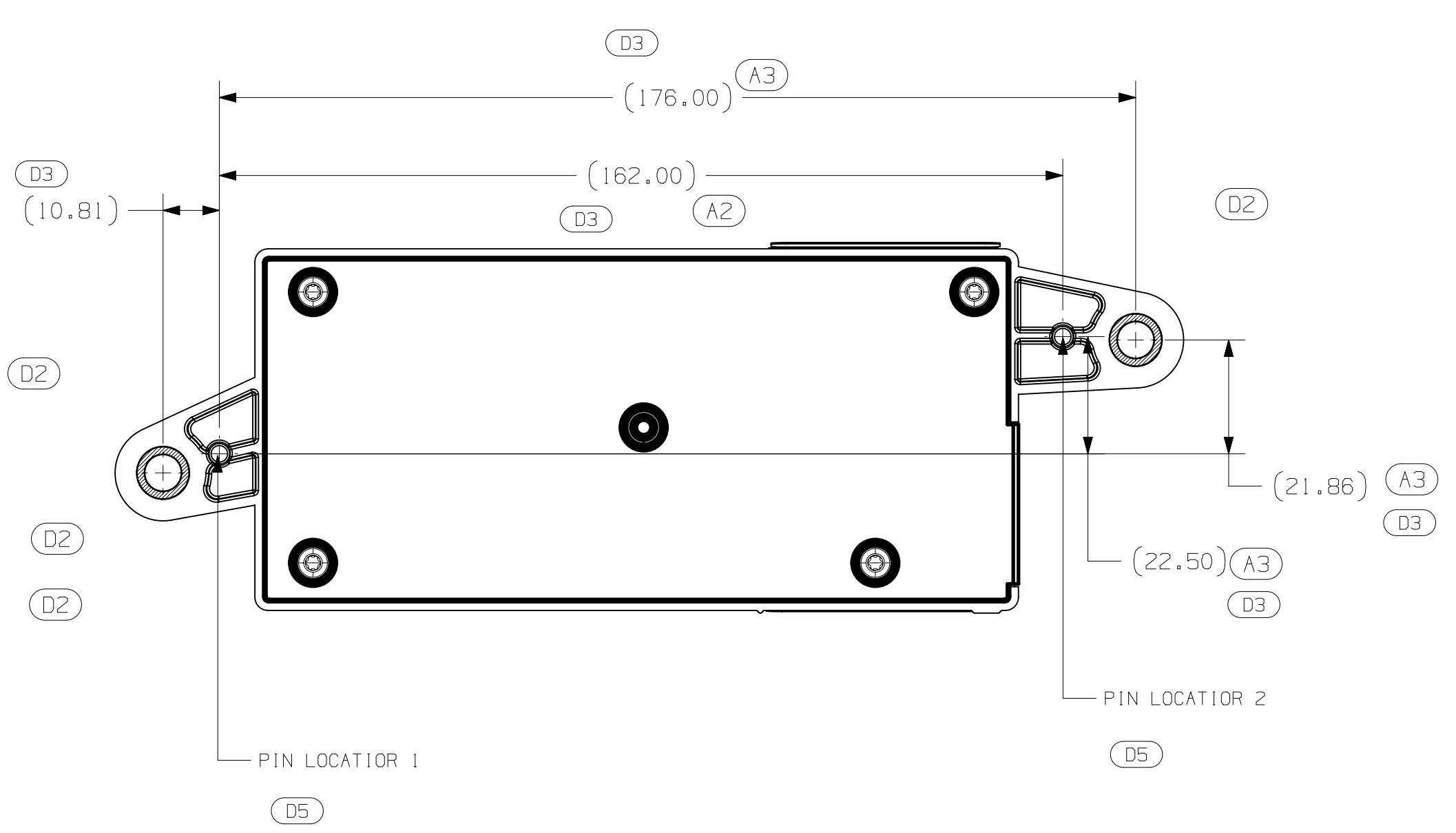
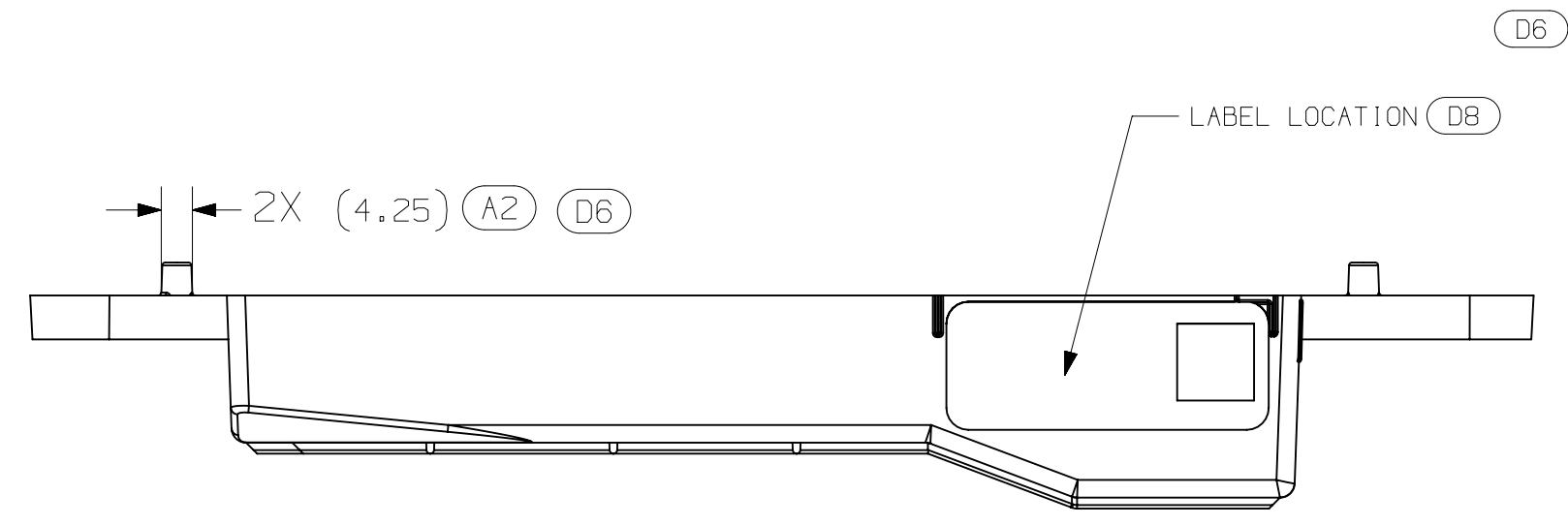
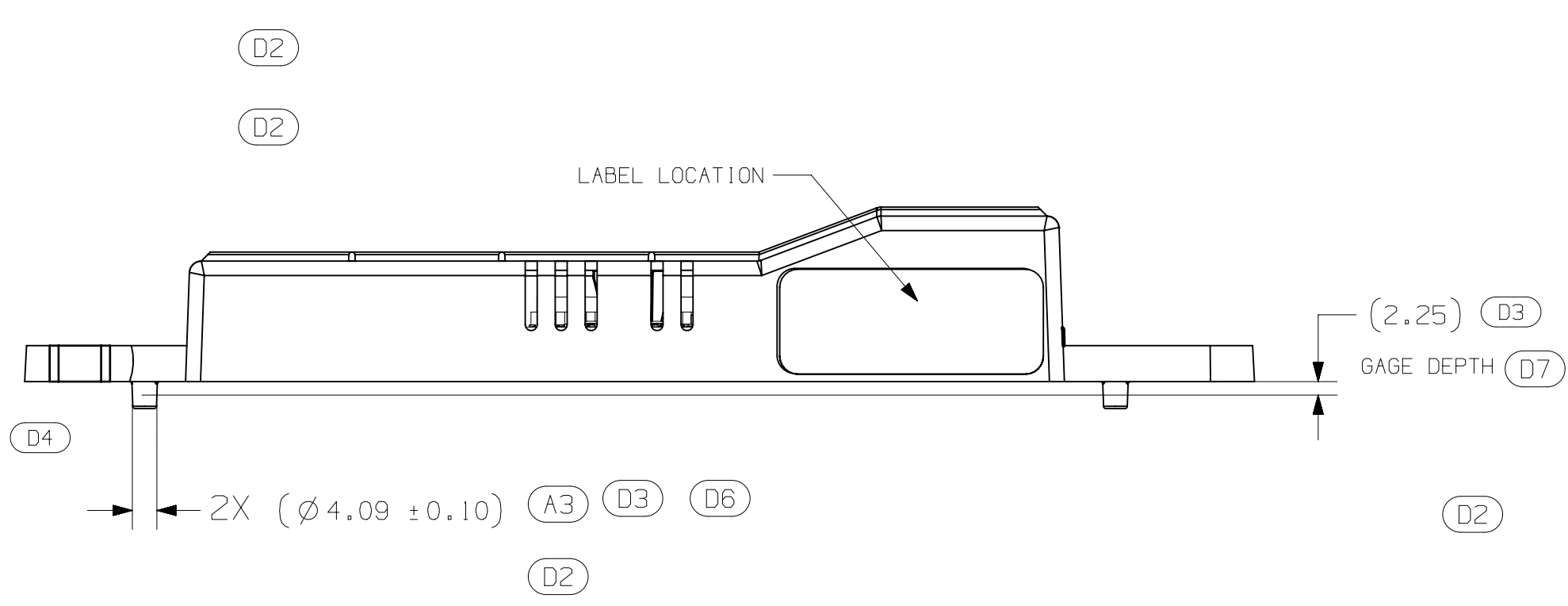
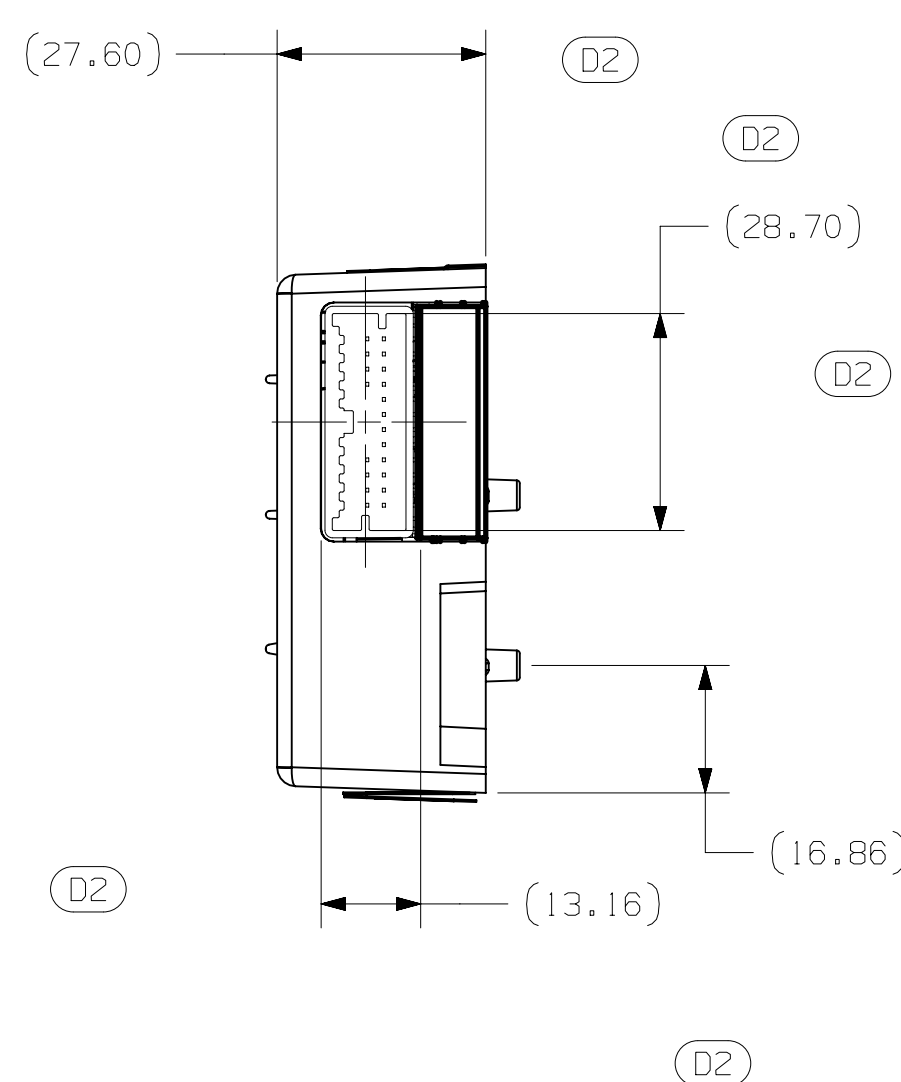
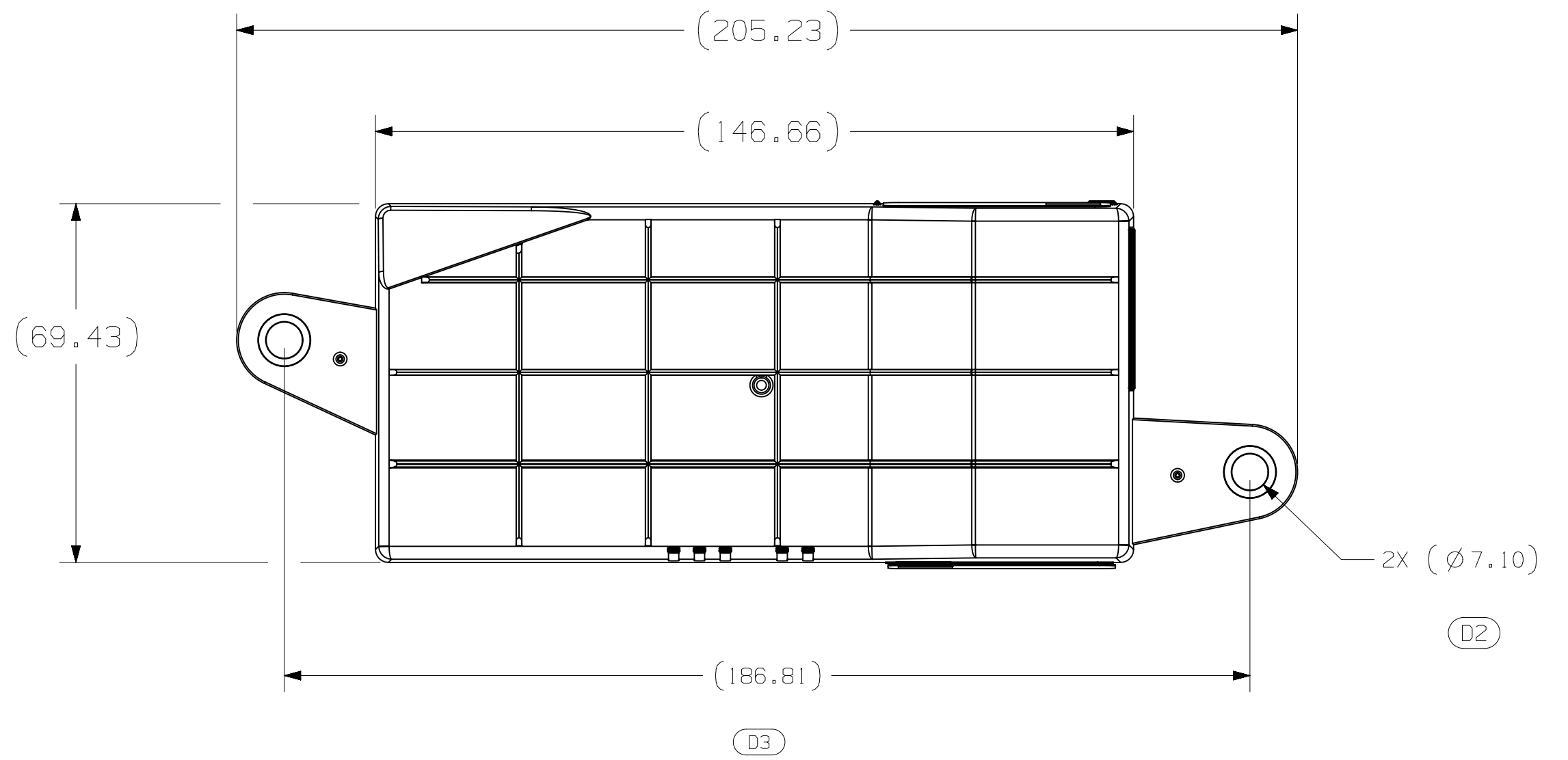


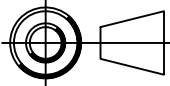


FOR DIMENSIONS REFER TO CUSTOMER DRAWING (D1)											
1							12	VPNAMU-14B115-P	SINGLE DIAMOND PRESSURE SENSOR PCB ASSY	(A4)	
							11	VPNAMU-14B115-J	SINGLE PINNACLE PRESSURE SENSOR PCB ASSY	(A4)	
		1					10	VPNAMU-14B115-K	DUAL PRESSURE AND THERMAL SENSOR PCB ASSY	(A4)	
			1				9	VPNAMU-14B115-N	SINGLE PRESSURE AND THERMAL SENSOR PCB ASSY	(A4)	
							8	VPNAMU-14B115-F	BRFM DUAL PINNACLE PCB ASSY	(A4)	
							7	VPNAMU-14B115-E	BRFM SINGLE PINNACLE PCB ASSY	(A4)	
4	4	4			4	4	6	VPGB7F-19G406-D	SCREWS		
1	1	1		2	2	5	VPNAMU-12A651-A	VPFM LABEL	(SCIF) (F3)		
					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.	PRT NO.	GM DWG NUMBER	GM PRT NO.	DESCRIPTION
2022	VPNAMU-12A651-FA	N/A	2404B483	SINGLE DIAMOND PRESSURE SENSOR
2022	VPNAMU-12A651-FA	N/A	HX061236	DUAL PRESSURE AND THERMAL SENSOR
2022	VPNAMU-12A651-EA	N/A	HX061232	SINGLE PRESSURE AND THERMAL SENSOR
2022	VPNAMU-12A651-BF	2404B742	2404B484	BRFM DUAL DIAMOND
2022	VPNAMU-12A651-AE	2404B485	2404B485	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
34B26-9200 - 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 (PSK0)
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, D6) A B C

LTRS		REVISIONS			
DATE	ORIGINATOR	REVIEWER	ENGR	APP	
INITIAL RELEASE CN00122672					
20201013	CPRIETO2	HSANCH5	FVILLELA		
A1 UPDATED PICTORIALY 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 CROSSHATCHED 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		
REMOVED VPNAMU-12A651-AD/BE RELEASED VPNAMU-12A651-AE/BF CN00126543					
20210929	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			
3RD ANGLE PROJECTION		CUSTOMER DATA TYPE TC/NX		SCALE: 1:1 UNITS: MM	
		CUSTOMER NUMBER GENERAL MOTORS		SHT: 10F1 RH/LH: N/A	
				DWG SIZE: A0	
				DTMC :1S MASTER	
NAME					
MODULE - POWERTRAIN CONTROL					
CAD FILE VPNAMU-12A651-A/007				DATA TYPE	
DWG FILE VPNAMU-12A651-A.DWG/007				NX 11	
DATA LOC TCU0					
PRODUCT GM BEV3 BRFM MY22-24					
GBC NUMBER 00369602-06					
LEGACY NUMBER VPNAMU-12A651-AE					

00371604-01	VPNAMU-12A651-FA
00371602-01	VPNAMU-12A651-FA
00371601-01	VPNAMU-12A651-EA
00369334-07	VPNAMU-12A651-BF
00369602-06	VPNAMU-12A651-AE
GBC PART NUMBER	PART NUMBER

