



FOR DIMENSIONS REFER TO CUSTOMER DRAWING (D1)

QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	ITEM #	VISTEON PRT NO	DESCRIPTION	SCIF (F3)
							12		VPNAMU-14B115-P-	SINGLE DIAMOND PRESSURE SENSOR PCB ASSY	(A4)
							11		VPNAMU-14B115-J-	SINGLE PINNACLE PRESSURE SENSOR PCB ASSY	(A4)
							10		VPNAMU-14B115-K-	DUAL PRESSURE AND THERMAL SENSOR PCB ASSY	(A4)
							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	4	6			VPGB7F-19G406-D-	SCREWS	
1	1	1	2	2	5				VPNAMU-12A651-A-	VRFM 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	2				VPNAMU-14B129-B-	BRFM COVER	
1	1	1		1	1				VPNAMU-14B128-B-	BRFM HOUSING ASSEMBLY	

M. Y.	QTY	PRT NO.	GM DWG NUMBER	GM PRT NO.	DESCRIPTION
2022		VPNAMU-12A651-HA	N/A	24048483	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-BG	24048742	24048484	BRFM DUAL DIAMOND
2022		VPNAMU-12A651-AF	24048744	24048485	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
 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 - 1TUBE PACKAGING(1)
 SCREW TORQUE VPGB7F-19G406-DB: 1.1 Nm +/- 0.1 Nm (4 PLACES)
 ALTERNATE SCREW VPCLCF-19G406-CC
 THE BRFM IS AN UNSEALED SYSTEM (PSKO)
 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 \square 0.6 A B C

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				

DRAFTED IN ACCORDANCE WITH VISTEON ENGINEERING CAD STANDARDS 1.2		MUST COMPLY WITH GADSL, VISTEON AND APPLICABLE OEM RESTRICTED SUBSTANCE MANAGEMENT STANDARDS	
ORIGINATOR	DATE	REVIEWER	DATE
CPRIETO2	20201013	HSANCHS	20201013
ENGINEER	DATE	DATE	DATE
FVILLELA	20201013		
3RD ANGLE PROJECTION		CUSTOMER DATA TYPE	SCALE: 1:1 UNITS: MM
		Tc/NX	SHT: 1 OF 1 RH/LH: N/A
		CUSTOMER NUMBER	DWG SIZE: AD
		GENERAL MOTORS	DTMC :15 MASTER
NAME			
MODULE - POWERTRAIN CONTROL			
CAD FILE	VPNAMU-12A651-A/009	DATA TYPE	
DWG FILE	VPNAMU-12A651-A.DWG/009	NX 11	
PRODUCT			
GM BEV3 BRFM MY22-24			
GBC NUMBER			
00369602-07			
LEGACY NUMBER			
VPNAMU-12A651-AF			

LTRS		REVISIONS		
DATE	ORIGINATOR	REVIEWER	ENGR	APP
INITIAL RELEASE				
CN00122672				
20201013	CPRIETO2	HSANCHS	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 VPNLFF-12A651-CA/DA/GA CN00125020				
20210521	CPRIETO2	CPRIETO2	ERUELAS	
C1 2X UPDATED GM PART NUMBER REMOVED VPNLFF-12A651-AA/BB RELEASED VPNLFF-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 WA5 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	CPRIETO2	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	CPRIETO2	FVILLELA	
G1 2X UPDATED GM PART NUMBER REMOVED VPNAMU-12A651-AD/BE RELEASED VPNAMU-12A651-AE/BF CN00126543				
20210929	GCASSIAN	CPRIETO2	FVILLELA	
H1 2X UPDATED GM PART NUMBER REMOVED VPNAMU-12A651-AE/BF RELEASED VPNAMU-12A651-AF/BG CN00127056				
20211201	GCASSIAN	CPRIETO2	FVILLELA	

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