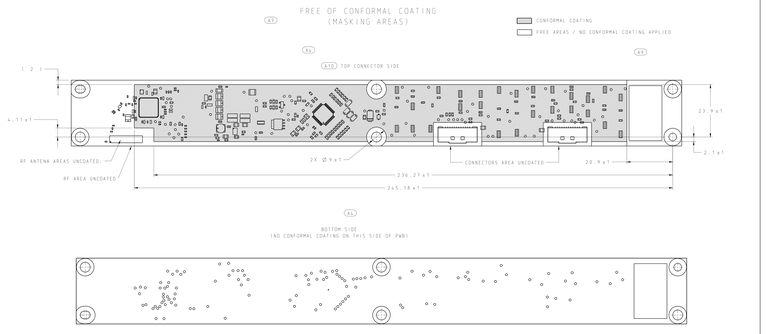
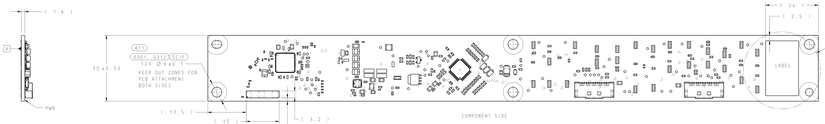
CSC LG

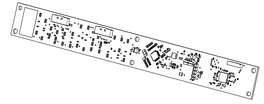
CELL SUPERVISORY CIRCUIT (CSC)
CIRCUITO DE SUPERVISIÓN DE CELDAS (CSC)
MODEL NAME: CSCLG
BRAND: VISTEON
FCC ID: NT8-CSCLG IC: 3043A-CSCLG
MANUFACTURED BY: VISTEON CORPORATION
ADDRESS: ONE VILLAGE CENTER DRIVE,
VAN BUREN TOWNSHIP 48111, MI USA
MADE IN MEXICO
HVIN: CSCLG
INPUT: DC 29.6 V ⎓ 0.02 A

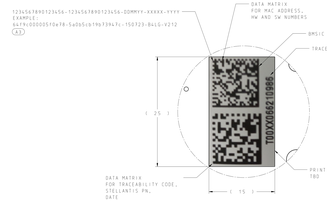
NOM

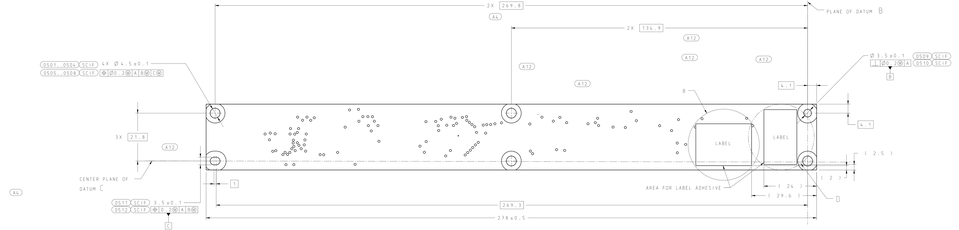
NYCE

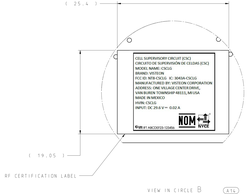


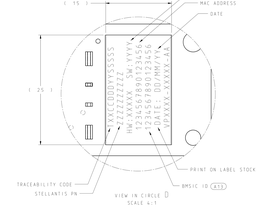












UNLESS OTHERWISE SPECIFIED

GLT 0.1 A B C ALL OVER

VISTEON APPROVAL OF PRODUCTION SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF INITIAL PRODUCTION.

VISTEON APPROVAL MUST BE OBTAINED BEFORE ANY CHANGE IN MATERIAL, CONSTRUCTION, PROCESSING OR APPEARANCE CAN BE MADE

CAD FILE DEFINES NOMINAL GEOMETRY. THE ENGINEERING DRAWING DEFINES TOLERANCES OF THE GEOMETRY.

IN THE EVENT OF A CONFLICT BETWEEN THE 3D CAD FILE & ENGINEERING DRAWING FOR NOMINAL GEOMETRY, THE 3D CAD FILE IS MASTER UNLESS THE ENGINEERING DRAWING EXPLICITLY INDICATES THE DRAWING OVERRIDES THE CAD WITH THIS SYMBOL ⓒ ADJACENT TO A DIMENSION VALUE.

DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009

FOR PURPOSES OF GEOMETRIC TOLERANCING ALL DIMENSIONAL INFORMATION CONTAINED IN THE CAD MODEL IS BASIC PER ASME Y14.5M-2009 SECTION 7.3.23

DIMENSIONAL MEASUREMENTS TO BE MADE WITH THE MINIMAL AMOUNT OF FORCE NECESSARY TO PREVENT MOVEMENT OF THE PART DURING INSPECTION

TOLERANCES APPLY AFTER ALL PROCESSING OPERATIONS. SUPPLIERS MUST ACCOUNT FOR MATERIAL CONDITION CHANGES FROM ALL PROCESSING OPERATIONS

MANUFACTURER OF THIS PART OR ASSEMBLY TO ENSURE THAT ALL APPLICABLE FUNCTIONAL, APPEARANCE AND LIGHTING REQUIREMENTS ARE MAINTAINED THROUGHOUT PRODUCTION AT THE LEVEL THAT EXISTED WHEN VISTEON APPROVAL WAS GIVEN FOR INITIAL PRODUCTION

RECORD OBLIGATION AND RETENTION TO FOLLOW AS PER IATF 16949

CHANGES AFFECTING DESIGN AND COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE PRIOR APPROVAL FROM VISTEON PRODUCT ENGINEERING. REFER TO IATF 16949

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS IN A PC COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE RELEVANT ENGINEERING CAD ACTIVITY.

FOR CURRENT RELEASE STATUS SEE THE VISTEON ENGINEERING NOTICE

VISTEON IS NOT LIABLE FOR ANY DAMAGES, COSTS OR EXPENSES RESULTING FROM DEFECTS IN DESIGN OF THE FLEXIBLE PRINTED CIRCUIT (FPC) OR THE INTEGRATION OF THE FPC INTO THE CELL MODULE ASSEMBLY PROVIDED BY THE CELL MODULE SUPPLIER. VISTEON IS ONLY RESPONSIBLE FOR DEFINITION OF THE LASER SOLDERING CONNECTION PAD AND LASER SOLDERING PROCESS.

- ELECTRICAL NOTES:
  - MAX. OPERATING CELL VOLTAGES: 4.5V PER CELL
  - MAX.OPERATING CELL CURRENTS: 125mA PER CELL
  - MAX RPC RESISTANCE: 1 OHM

CONFORMAL COATING MATERIAL: DOWSIL 3-1953
THICKNESS: 0.127 ±0.076 mm

VISTEON PROPIETARY SHARED UNDER NDA

PART MUST CONFORM TO VPRE1F-14A615-PA

REVISIONS			
DATE	ORIGINATOR	REVIEWER	ENGR APP.
RELEASED ENG0133293			
20230720	APIMENTE	ERODRIL1	JBRAUTI3

SUFFIX FB/FC/FD NOT RELEASED
A1 REMOVED DETAIL VIEW
A2 REMOVED VIEW IN CIRCLE
A3 ADDED EXAMPLE
A4 ADDED TOP VIEWS
A5 UPDATED ALL VIEWS PER LATEST CAD
A6 WAS B-2
A7 UPDATED CONFORMAL COATING VIEWS
A8 REPLACED CONNECTORS
A9 DELETED NOMINAL SPRAY LINE
A10 MODIFIED DIMENSIONS
A11 WAS Ø10
A12 4X DELETED DIMENSION
A13 ADDED BMSIC ID
A14 ADDED VIEW IN CIRCLE
RELEASED VPRE1F-12B684-FE
ENG0134922

20231207	ERODRIL1	LSALAZAR	JBRAUTI3

PRELIMINARY
NOT RELEASED

05193230AB	852P	00375108-05	VPRE1F-12B684-FE
STELLANTIS PART NUMBER	DESCRIPTION	GBC PART NUMBER	VISTEON PART NUMBER

THIS DRAWING AND ANY INTELLECTUAL PROPERTY RIGHTS THEREIN ARE PROPERTY OF VISTEON CORPORATION AND NO LICENSES ARE GRANTED UNDER THOSE RIGHTS.

DRAFTED IN ACCORDANCE WITH VISTEON ENGINEERING CAD STANDARDS. 1.2

MUST COMPLY WITH GADSL, VISTEON AND APPLICABLE OEM RESTRICTED SUBSTANCE MANAGEMENT STANDARDS

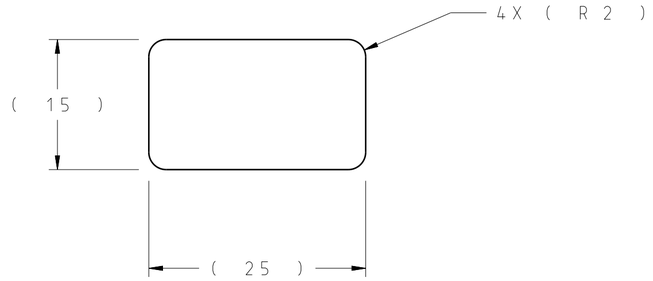
ORIGINATOR	DATE	REVIEWER	DATE	ENGINEER	DATE
APIMENTE1	20230725	ERODRIL1	20230720	JBRAUTI3	20230720

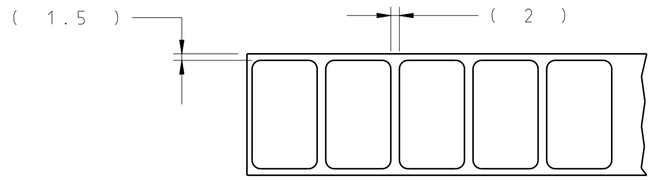
3RD ANGLE PROJ	CUSTOMER DATA TYPE N/A	SCALE 1:1	UNITS mm
		SHT 1/1	REV(MIN/MAJ) N/A
	CUSTOMER NUMBER 05193230AB	DWG SIZE ROLL SIZE D	
		DMC	CAD MASTER

NAME

MOD ASY PWRTRN CONTR INTRFC

CAD FILE	VPRE1F-12B684-F	DATA TYPE CATIA V5R32
DWG FILE	VPRE1F-12B684-F.DWG	
DATA LOC	ICE	
PRODUCT	BMS	
GBC NUMBER	00375108-05	Visteon
LEGACY NUMBER	VPRE1F-12B684-FE	





LTRS	REVISIONS			
	DATE	ORIGINATOR	REVIEWER	ENGR APP
	RELEASED CN00133229			
	20230628	ARODARTE	ERODRI41	JBRAUTIG

UNLESS OTHERWISE SPECIFIED:

FOR CURRENT RELEASE STATUS SEE THE VISTEON ENGINEERING NOTICE

FOR THE PURPOSES OF GEOMETRIC TOLERANCING, ALL DIMENSIONAL INFORMATION CONTAINED IN THE CAD MODEL IS BASIC

CHANGES AFFECTING DESIGN, COMPOSITION, OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE PRIOR APPROVAL FROM VISTEON PRODUCT ENGINEERING. REFER TO ISO/TS 16949:2009

FOR ENGINEERING APPROVED SOURCE, SEE THE VISTEON ENGINEERING NOTICE

DRAFTED IN ACCORDANCE WITH VISTEON ENGINEERING CAD STANDARDS VERSION 1.2

ENGINEERING APPROVAL OF PRODUCTION SAMPLES FROM EACH SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF INITIAL PRODUCTION

ENGINEERING APPROVAL MUST BE OBTAINED BEFORE ANY CHANGE IN MATERIAL - CONSTRUCTION - OR PROCESSING CAN BE MADE

MATERIAL SPECIFICATION SHALL BE REVIEWED BY THE RELEASING ENGINEER. RETAINED BY THE SUPPLIER AND VAILABLE UPON REQUEST

MATERIAL: NON EXPOSED, PERMANENT LABEL GLOSS WHITE POLYESTER SUBSTRATE 50 MICRONS THICK WITH ACRYLIC PRESSURE-SENSITIVE ADHESIVE SUITABLE FOR THERMAL TRANSFER PRINTING

ALL TOLERANCES ± 0.50 mm

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS IN A PE COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE RELEVANT ENGINEERING CAD ACTIVITY

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	ENGINEER	DATE
ARODARTE	20230628	ERODRI41	20230628	JBRAUTIG	20230628

3RD ANGLE PROJ	CUSTOMER DATA TYPE CATIA V5	SCALE:1:1	UNITS:MM
		SHT 1/1	RH/LH:N/A
	CUSTOMER NUMBER N/A	DWG SIZE:A2	
		DTMC	:IS MASTER

NAME

LABEL

CAD FILE	VPRE1F-14K016-A.CATPART	DATA TYPE CATIA V5R32 FORD
DWG FILE	VPRE1F-14K016-A.DWG	
DATA LOC	TCE	
PRODUCT	PCM	
GBC NUMBER	00375137-01	Visteon®
LEGACY NUMBER	VPRE1F-14K016-BA	