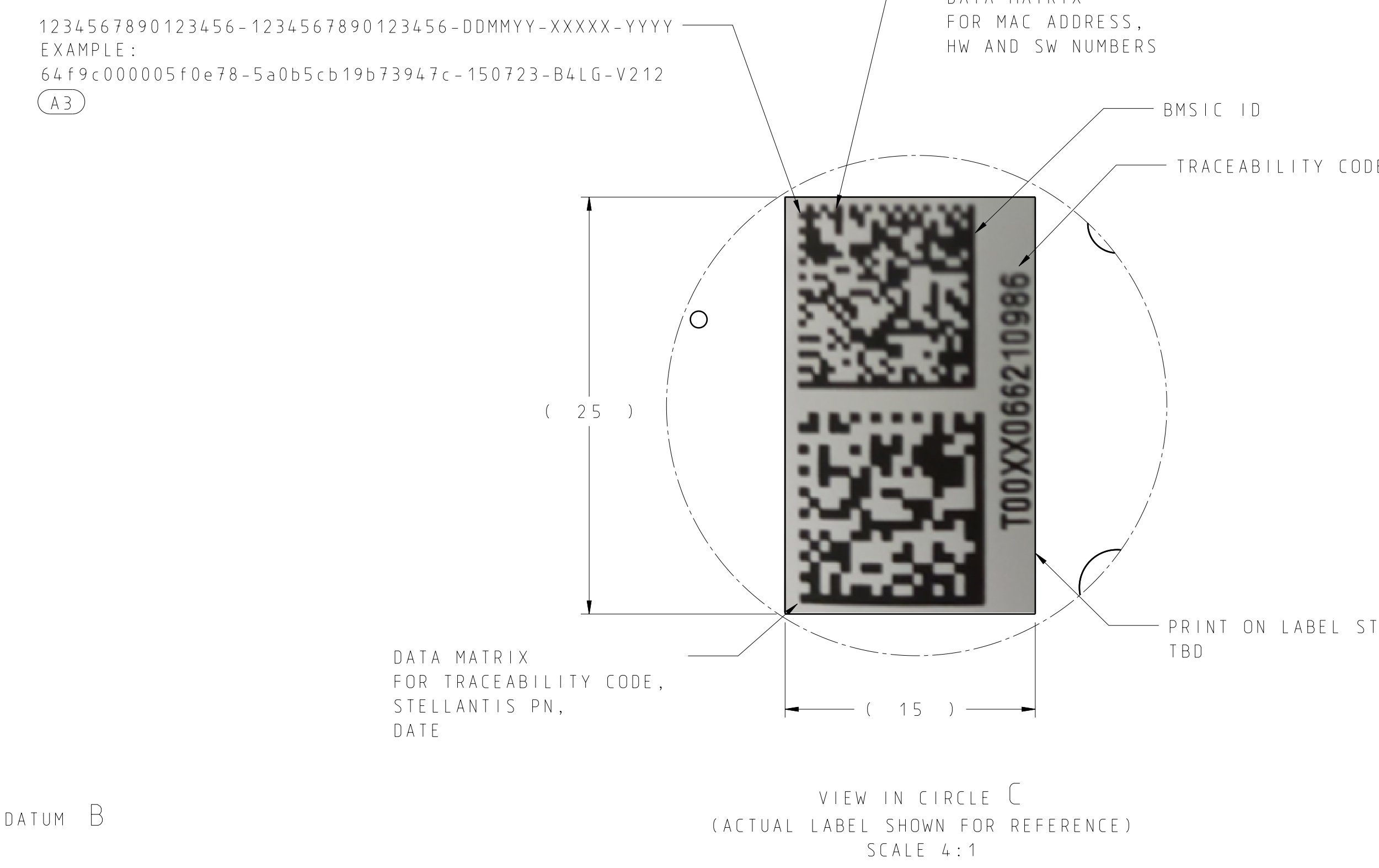
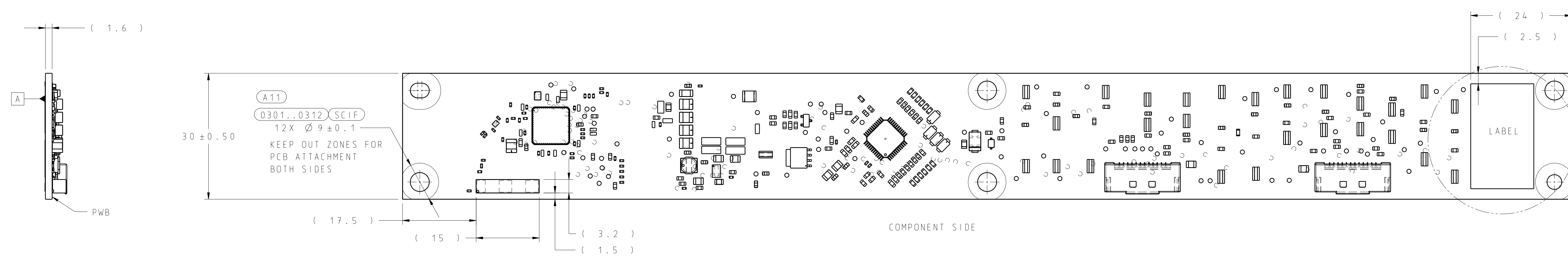
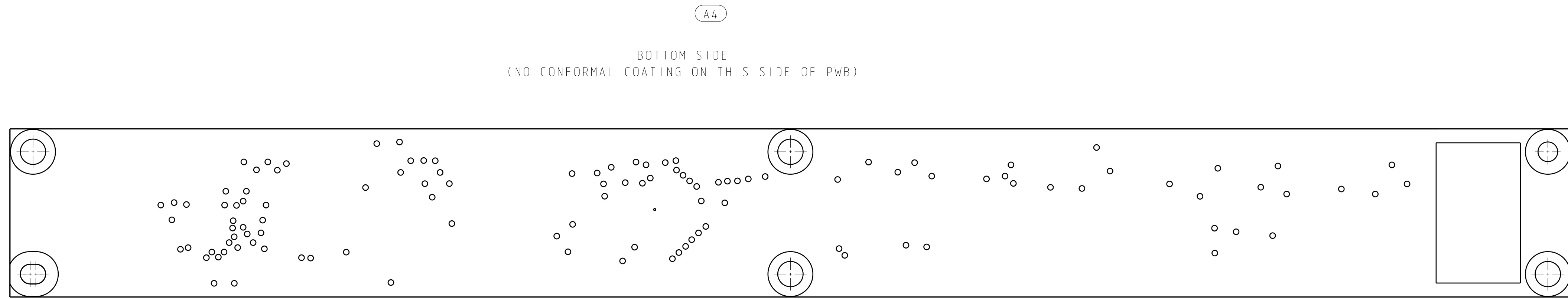
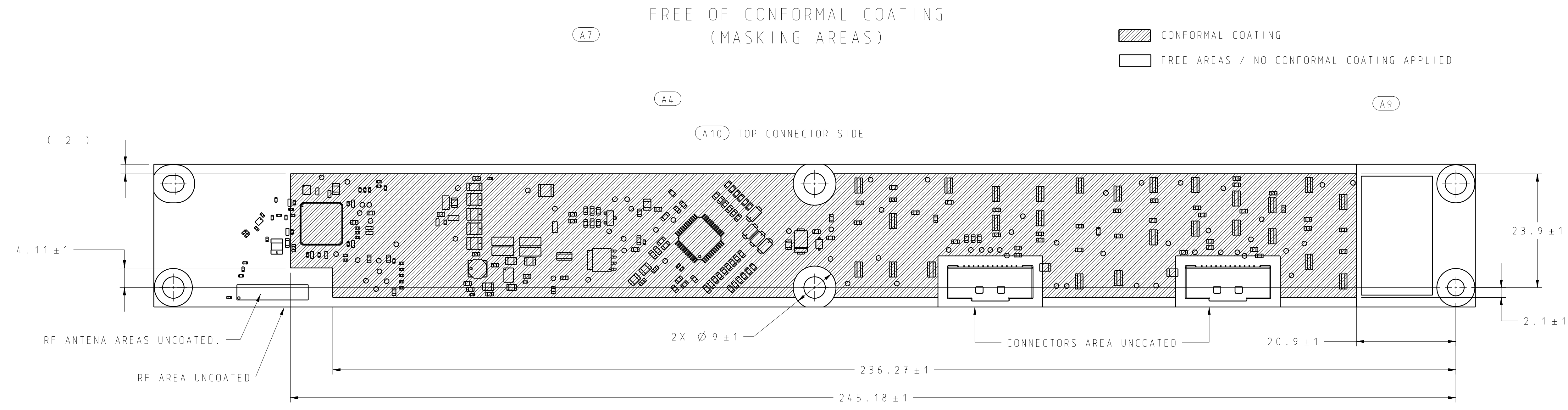




UNLESS OTHERWISE SPECIFIED
0.61A(0.00) ALL OVER

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 1.3.2.3

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 PE COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE RELEVANT ENGINEERING CAD ACTIVITY.

FOR CURRENT RELEASE STATUS SEE THE VISTEON ENGINEERING NOTICE

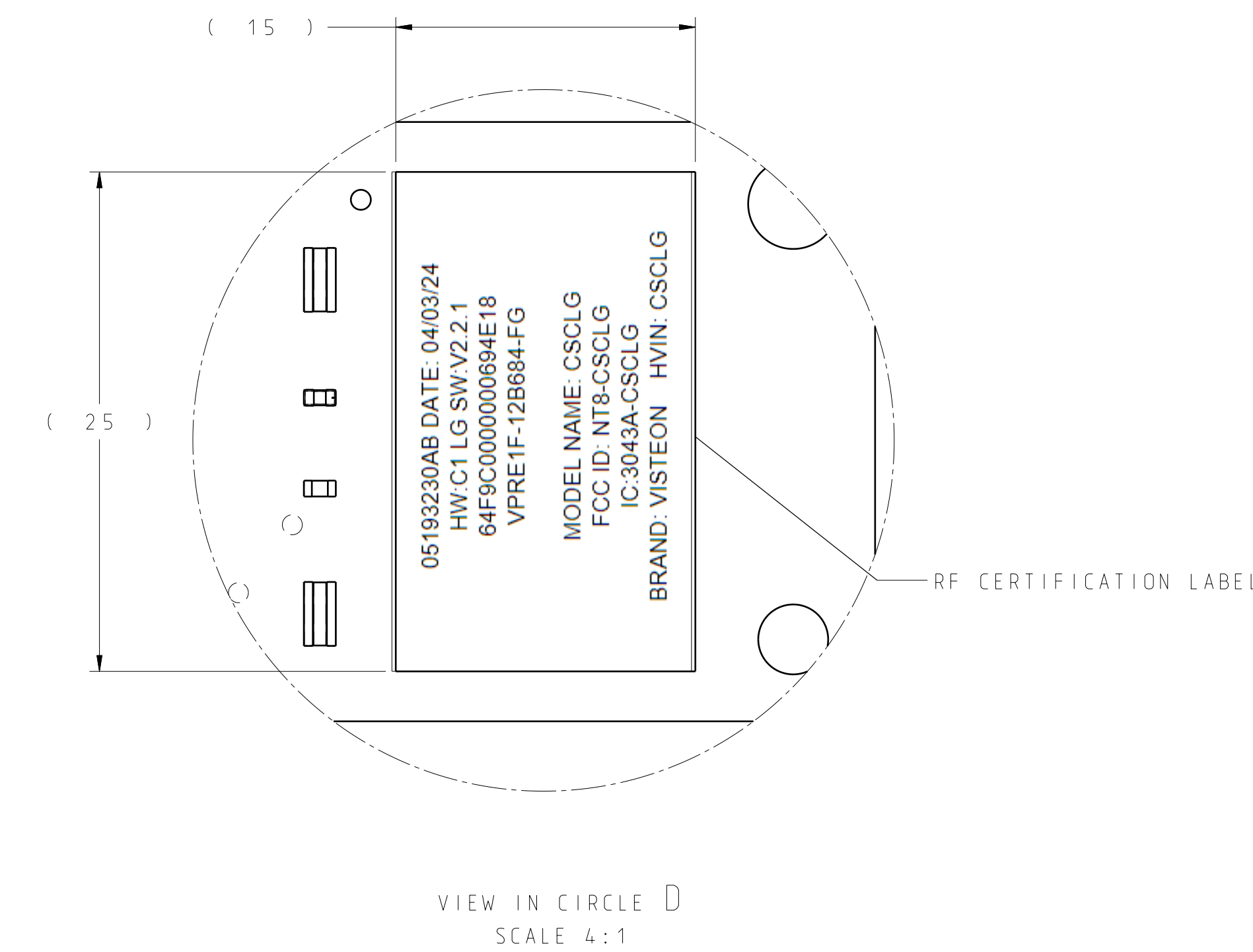
VISTEON IS NOT LIABLE FOR ANY DAMAGES, COSTS OR EXPENSES RESULTING FROM DEFECTS IN DESIGN OF THE FLEXIBLE PRINTED CIRCUIT (FPC) OR THE INTEGRATION OF THE FPC INTO THE CELL MODULE ASSEMBLY PROVIDED BY THE CELL MODULE SUPPLIER. VISTEON IS ONLY RESPONSIBLE FOR DEFINITION OF THE LASER SOLDERING CONNECTION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

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

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

VISTEON PROPRIETARY SHARED UNDER NDA

PART MUST CONFORM TO VPREF-16A615-PA



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

LTSS	REVISIONS	DATE	ORIGINATOR	REVIEWER	ENGR APP
AS	RELEASED				
AT	EN00133293				
AB	20230720	APIMENTE	ERODRI1	JBRAUTIG	
SUFFIX FB/FC/FD NOT RELEASED A1 REMOVED DETAIL VIEW A2 REMOVED VIEW IN CIRCLE A3 ADDED EXAMPLE A4 SW UPDATED VIEWS A5 UPDATED ALL VIEWS PER LATEST CAD A6 WAS 8.2 A7 UPDATED CONFORMAL COATING VIEWS A8 REPLACED CONNECTORS A9 DELETED NOMINAL SPRAY LINE A10 MODIFIED DIMENSIONS A11 WAS Ø10 A12 6X DELETED DIMENSION A13 ADDED BMSIC ID A14 ADDED VIEW IN CIRCLE RELEASED VPREF-12B684-FE EN00134822					
20231207	ERODRI1	LSALAZAR	JBRAUTIG		

PRELIMINARY
NOT RELEASED

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DRAFTED IN ACCORDANCE WITH VISTEON ENGINEERING CAD STANDARDS 1.2			MUST COMPLY WITH GADSL VISTEON AND APPLICABLE DEM RESTRICTED SUBSTANCE MANAGEMENT STANDARDS		
ORIGINATOR	DATE	REVIEWER	DATE	ENGINEER	DATE
APIMENTE	20230720	ERODRI1	20230720	JBRAUTIG	20230720
3RD ANGLE PROJ	CUSTOMER DATA TYPE	SCALE: 1:1	UNITS: mm		
	N/A	SMT	1/1	DR/LH: N/A	
	CUSTOMER NUMBER	DWG SIZE: A0-L	DWG	SIZE: A0-L	
		DWG	SIZE: A0-L	DWG	
NAME MOD ASY PWRTRN CONTR INTREFC					
CAD FILE	VPREF-12B684-F				
DWG FILE	VPREF-12B684-F.DWG				
DATA LOC	TCE				
PRODUCT	BMS				
GBC NUMBER	00375108-05				
LEGACY NUMBER	VPREF-12B684-FE				

Visteon