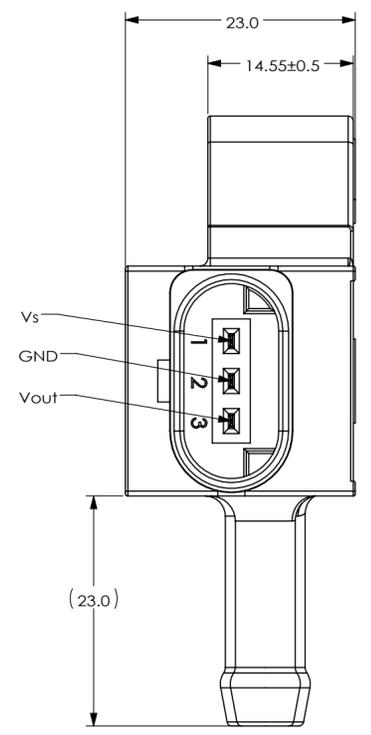
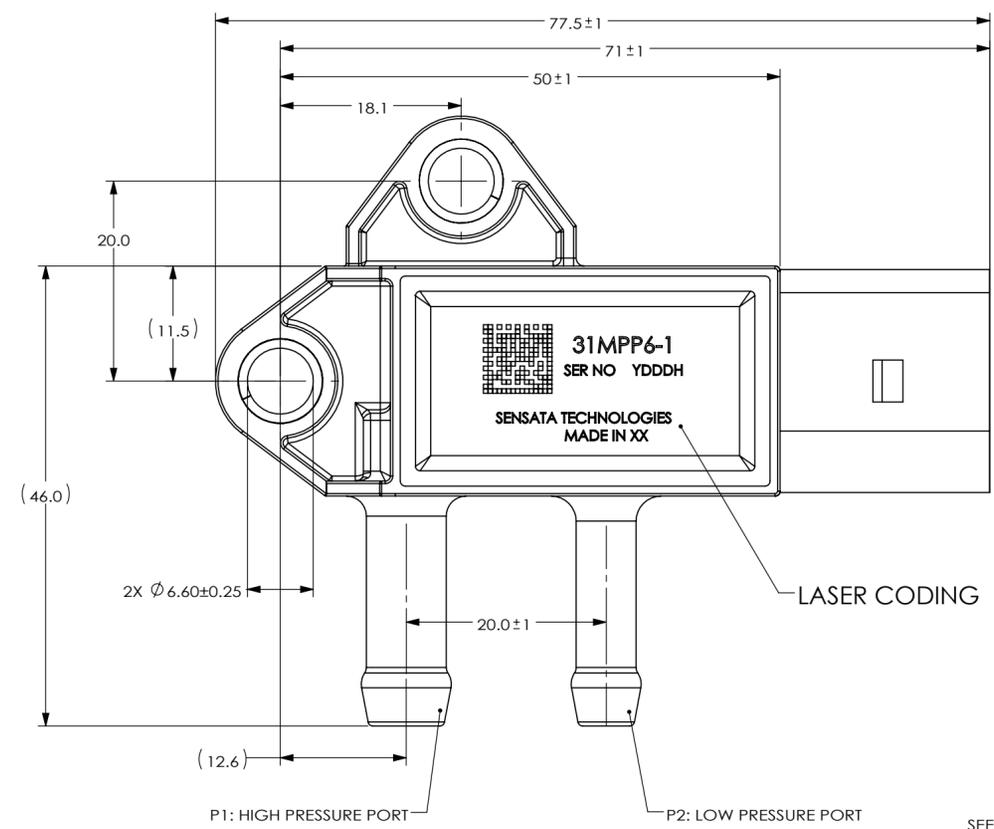
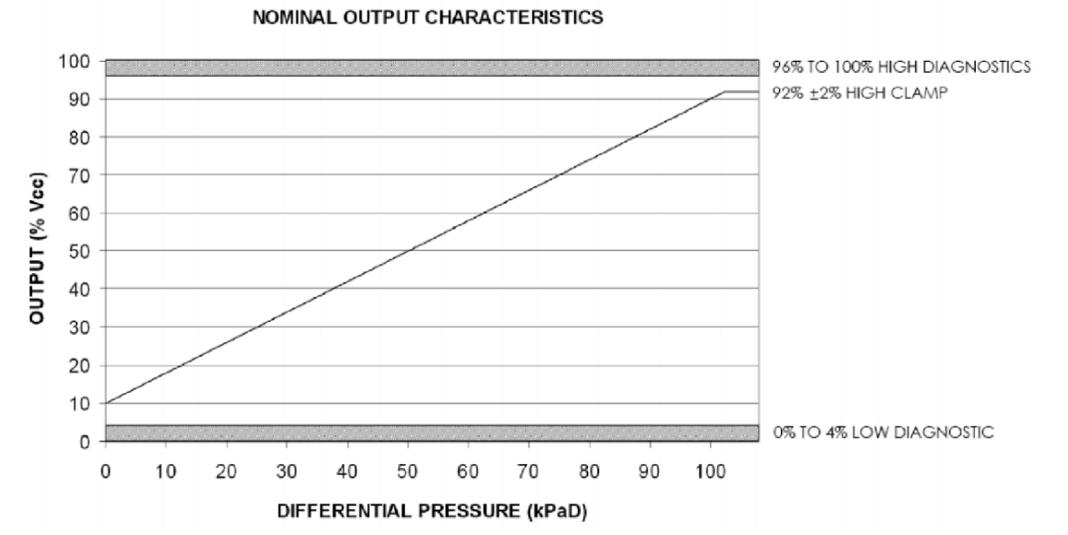
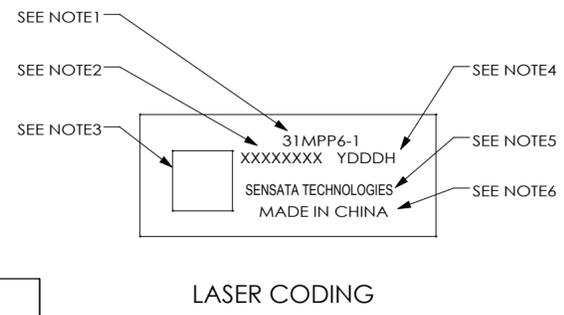
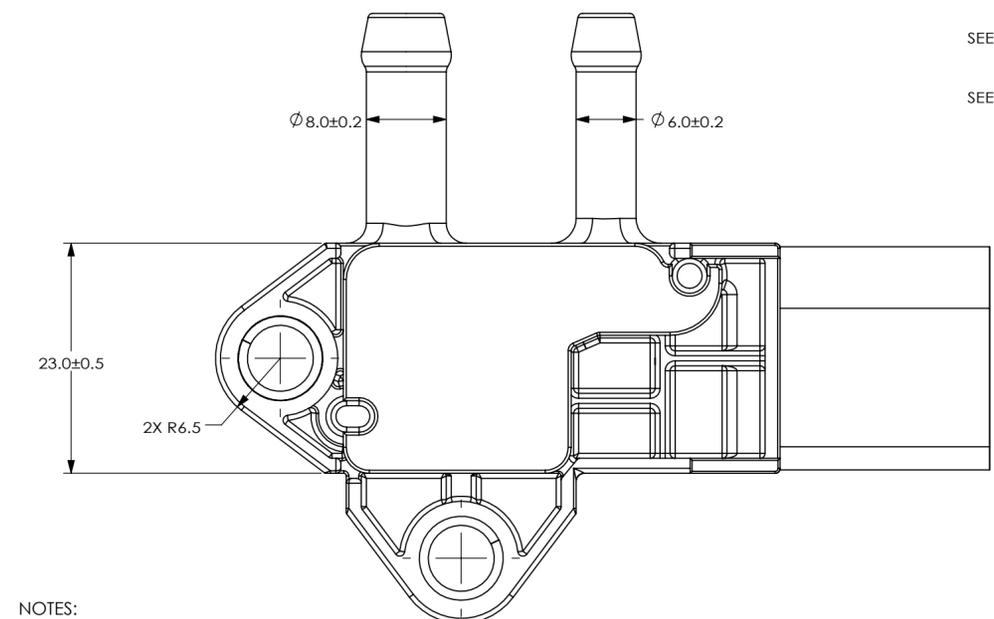


ZONE	REV	DESCRIPTION	ECO NUMBER	DATE	APPROVED
	A	FIRST RELEASE; WW	ECO129224	07-APR-2016	

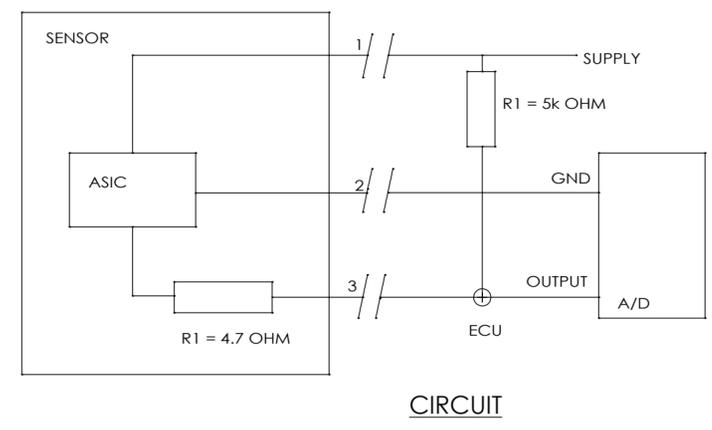


SPECIFICATIONS :	
SUPPLY VOLTAGE (Vcc)	4.75 TO 5.25 VDC (5 VDC NOMINAL)
SUPPLY CURRENT	10mA MAX.
OPERATING TEMPERATURE RANGE	-40°C TO 135°C
INPUT PRESSURE RANGE	0 TO 100kPaD
DIFFERENTIAL PROOF PRESSURE	200 kPa
DIFFERENTIAL BURST PRESSURE	300 kPa
PROOF PRESSURE	300 kPa
BURST PRESSURE	450 kPa
LOAD RESISTOR	5K OHM PULL UP TO SUPPLY
HIGH CLAMP RAIL	92% ±2% Vpwr
MOUNTING	MUST BE MOUNTED ON VEHICLE WITH PRESSURE PORTS DIRECTED VERTICALLY DOWNWARD ±15°
INITIAL ACCURACY	±2% Vcc FROM -40°C TO 135°C
AFTER AGING	±3% Vcc FROM -40°C TO 135°C



THE NOMINAL OUTPUT CURVE WILL BE EXPRESSED BY:  
 $V_{out} = 0.8 \times DP + 10$   
 $V_{out} = \text{OUTPUT in \% } V_{supply}$   
 $V_{supply} = \text{SUPPLY VOLTAGE IN VOLTS DC}$   
 $DP = \text{MEAN (FILTERED) DIFFERENTIAL PRESSURE}$

- NOTES:
- SENSATA TECHNOLOGIES NO: 31MPP6-1
  - SENSATA TECHNOLOGIES SERIAL NUMBER
  - TWO DIMENSIONAL TRACKING SYSTEM
  - TRACEABILITY CODE
  - SENSATA TECHNOLOGIES LOGO
  - MANUFACTURING SITE
  - HOUSING CONNECTOR DESIGNED TO MATE WITH OEM-BRANDED TYCO 1717888-1 REVISION A. CUSTOMER IS RESPONSIBLE FOR CHECKING COMPATIBILITY WITH NON-OEM BRANDED TYCO 1813271-1. TERMINAL IS SILVER PLATED.
  - SENSOR PERFORMANCE REQUIREMENTS ARE DEFINED BY SENSATA DOCUMENT 31MPP6-1-PSP.
  - SENSATA DOCUMENT 31MPP6-1-PSP IS SUPERSEDED BY THE REQUIREMENTS ON THIS 31MPP6-1 ENVELOPE DRAWING.



<b>ALL RIGHT RESERVED</b> NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.		<b>Sensata Technologies</b>		18 CHUANGXIN ROAD XINBEI DISTRICT CHANGZHOU CHINA	
DRAWN DATE 07-APR-2016	WENDY WANG	INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.		TITLE <b>ENVELOPE DRAWING</b>	
ENGINEER DATE 07-APR-2016	WENDY WANG	<b>TOLERANCES</b> LINEAR X.X ±0.5 X.XX ±0.25 X.XXX ±0.100 ANGULAR X.X° ±4°		SIZE A2	NUMBER 31MPP6-1-ENV
APPROVED DATE 07-APR-2016	YU DENG	DO NOT SCALE DRAWING	METHOD THIRD ANGLE PROJECTION	SCALE 2:1	REV A
				SHEET 1 OF 1	