

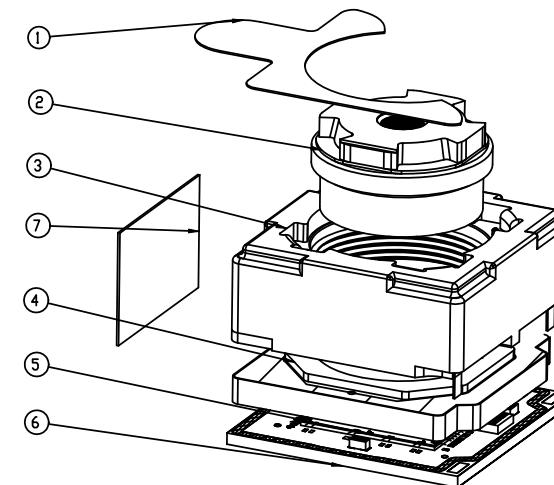
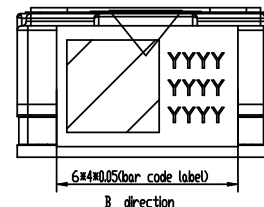
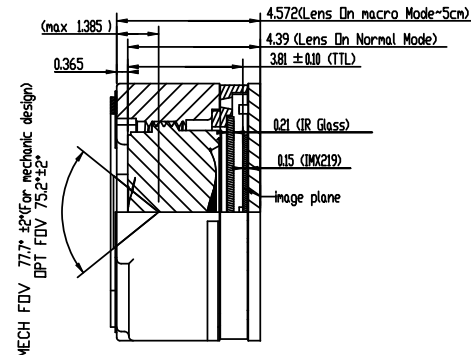
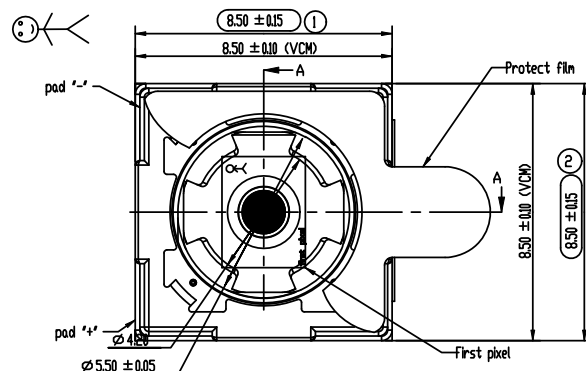
CONFIDENTIAL

Sensor	IMX219
Driver IC	DW9718S
Sensor I2C Address	0X20
Driver IC I2C Address	0X18
Module EEPROM	0XA0
MODULE_ID	DGND

Optical relative parameter	
Focus Range(cm)	Scr-Infinity

Lens optical specifications	
Lens Construction	4P
Focal Length	2.93
F No.	2.0±5%
TV Distortion	< 10%
Relative Illumination	38%
IR-Cut Coating	650nm±10nm T50% @

Item	Name
1	Protection film
2	Lens
3	VCM
4	IRA
5	Sensor
6	PCBA
7	2D Label



I	A	First Release		Ken Wen	13-Mar-2014
Item	Rev.	Description		By	Date
Material:		ISO 1101		PART NAME : PROJECT	
		Module		4BA818P1	
Surface treatment:		DRAWN BY	Ken Wen	13-Mar-2014	PART NO.
		DESIGNED BY	Ken Wen	13-Mar-2014	VER.
TOLERANCE LEVEL: B		CHECKED BY	Roc Wang	13-Mar-2014	1-52-10343-01A
		APPROVED BY	Dawen Wang	13-Mar-2014	A
Level	G6	6~30	30~60	60~120	120
A	±0.05	±0.1	±0.15	±0.2	±0.2%
B	±0.1	±0.2	±0.3	±0.35	±0.4%
C	±0.2	±0.3	±0.4	±0.5	±0.5%
		SIZE	A4	UNIT	mm
		SCALE	4.000	SHEET	1/1

LITEON TECHNOLOGY CORP.

Note:
1. Material Halogen Free.
2. Critical dimension. DPO133
3. Burrdim. direction of rolling is shown as arrow
4. No cutting mark, dirt and cavity are allowable on shaft surface.
5. Don't allow stamping and pressing the module bottom plate.
6. Don't allow to use the chemical substance to clean the module.
7. No Crack/break happened after bending FPC bending condition ref. drawing)
8. During plug pull the module process the connector must be in vertical with mating connector
9. Circuit conductors shall not be de-laminated when subjected to reflow solder at a temperature of 260 degrees centigrade for 5 seconds.
10. DPA is critical dimension. DPA data/lots that isn't below 1.33
11. The lens should not exceed the upper surface of the VCM when macro focusing in 5cm

HSF Standard
This part should not contain any substances which are specified in Liteon standard P19-L3-301