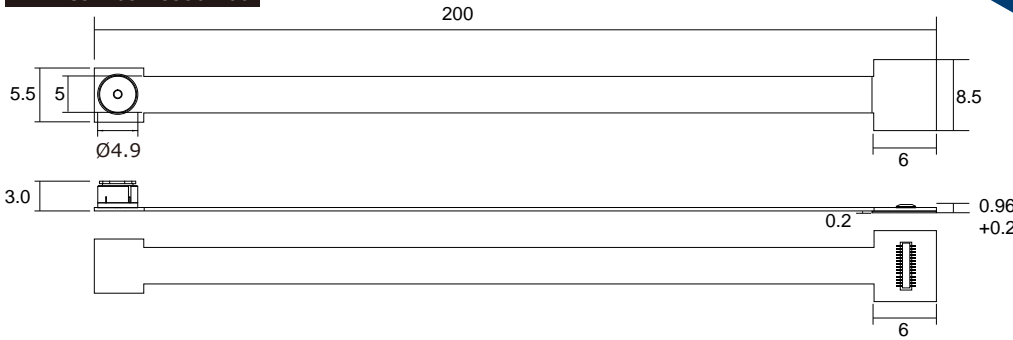
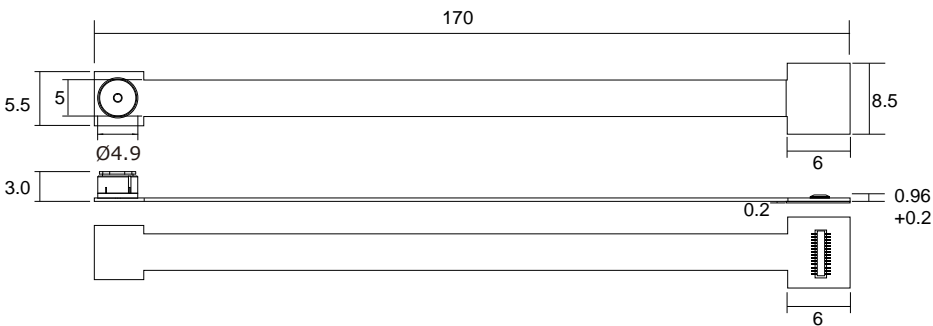


Body Type

MP-FPC31105-18350-200



MP-FPC31105-18350-170



Feature

- High Sensitivity!
- High Performance.
- 1/6" CCIQ II Color
- Video format: 10-bit RGB RAW
- 1920 x 1080 resolution

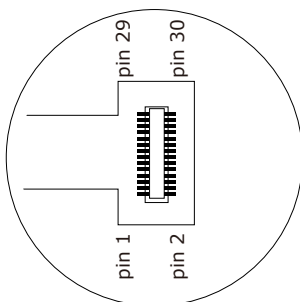


UNIT:±0.5mm

Specification

Model	MP-FPC31105-18350- <b>XXX</b>
Max. frame rate	1920x1080
Pixel size	1.4 μm x 1.4 μm
Image sensor	1/6" Digital CMOS Camera Module
Image area	2.7288x1.5498mm
Scan mode	progressive
Sensitivity	553 mV/(Lux-sec)
Dynamic range	73.3 dB @ 15.5x gain
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Interface	2-lane MIPI serial output
Built-in Lens	1.83mm/F5.0
View angle	H= 69degree 41'; V= 43degree 9'; D= 77degree 23'
Video format	10-bit RGB RAW

Pin	Signal	Description
1	GND	Ground
2	GPIO	Sensor GPIO signal
3	MDP1	MIPI Data lane 1, Differential pair +
4	GND	Ground
5	MDN1	MIPI Data lane 1, Differential pair
6	DVDD	Digital VDD power 1.2v
7	GND	Ground
8	DVDD	Digital VDD power 1.2v
9	MDP0	MIPI Data lane 0, Differential pair +
10	GND	Ground
11	MDN0	MIPI Data lane 0, Differential pair
12	FSIN	Camera frame sync
13	GND	Ground
14	DOVDD	Digital I/O VDD power 1.8v
15	MCP	MIPI clock lane, Differential pair +
16	GND	Ground
17	MCN	MIPI clock lane, Differential pair
18	PWDN	Power down (active low)
19	GND	Ground
20	NC	Not connected
21	XCLK	Sensor input system clock
22	GND	Ground
23	XSHUTDN2	Reset and power down control signal
24	GND	Ground
25	SCL	I2C input clock signal
26	AVDD	Analog VDD power 2.8v
27	SDA	I2C I/O data signal
28	STROBE	Frame exposure output strobe signal
29	GND	Ground
30	XSHUTDN	Reset control signal (active low)



Camera Connector type: AXT630124  
 Camera module connector pin 1 marking:

\*suggest docking connector type: AXT530124