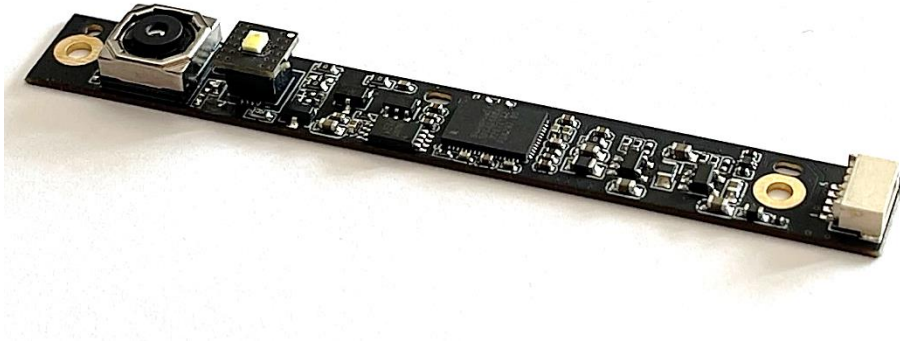


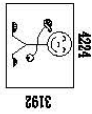


MCY-1306 13MP USB Camera Module with SONY IMX258 Sensor



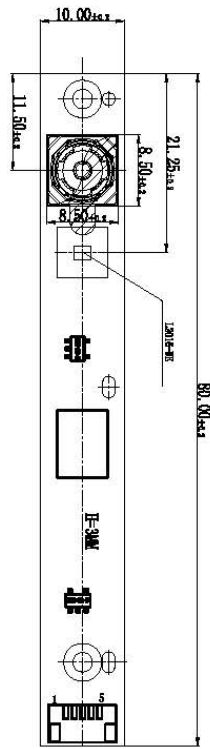
Key Specifications

Module		Parameter
Sensor Type		IMX258(1/3.06")
Active Array Size		4224*3192
Pixel size		1.12μm x1.12μm
Frame rate		3840*2160 30fps
Output Formats		MJPEG/YUV2
Power supply		5V/DC
Lens Construction		4P
F/No		2.2±5%
EFL		3.46mm
Optical FOV(D/H/V)		D=80°, H=69°, V=55°
TV Distortion		< 1.5%
Temperature	Operating temperature	-20°C to 75°C
Range	Stable Image	-40°C to 80°C
S/N Ratio		TBD
Dynamic Range		TBD
Power Consumption		120mW 4K/HDR/MJPEG/@30frame/s

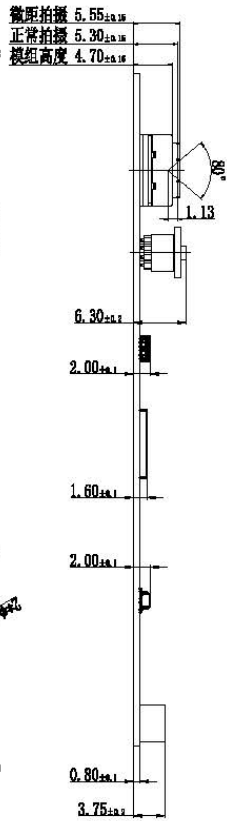


型 号	变更记录	日期	签名
IP1306-V1.0	第一次立项	2023/08/31	CHEN

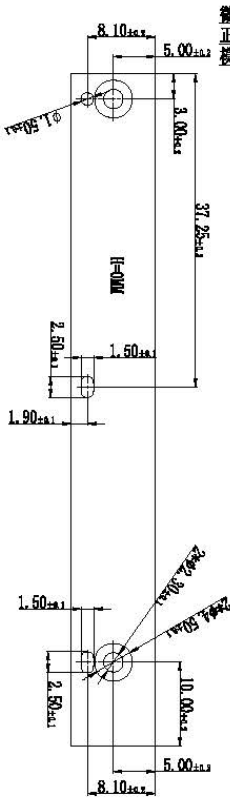
TOP VIEW



SIDE VIEW



BOTTOM VIEW



No.	PIN NAME
1	5V
2	DM-
3	DP+
4	DGND
5	GPIO-LED

01	Image sensor	IMX236	08	Lens construction	4P
02	Image size	1/3.00inch	09	Lens EFL	3.40mm
03	Active pixels	4224*3192	10	Lens F/NO	2.2±5%
04	Care supply	1.2V	11	Lens FOV	80°
05	I/O supply	1.8 or 2.8V	12	Lens distortion	<1.5%
06	AVDD supply	2.8V	13	Focusing Range	10cm-∞
07	AFVDD supply	2.8V	14		

3rd ANGLE		TITLE :		IP1306-V1.0	
UNLESS OTHERWISE SPECIFIED		MODEL :		DWG NO. :	
GENERAL TOLERANCE:		PART NO. :		DRAWN :	
LEVEL TOLERANCE TYPE		MATERIAL :		CHECKED :	
DM1	A	B	C	D	
<3	±0.03	±0.03	±0.1	±0.15	
>3-50	±0.05	±0.05	±0.1	±0.15	
>50-100	±0.05	±0.05	±0.15	±0.2	
>100	±0.05	±0.15	±0.2	±0.35	
ANGULAR	±0.5°	±0.5°	±0.8°	±1°	

4 5 6 7 8