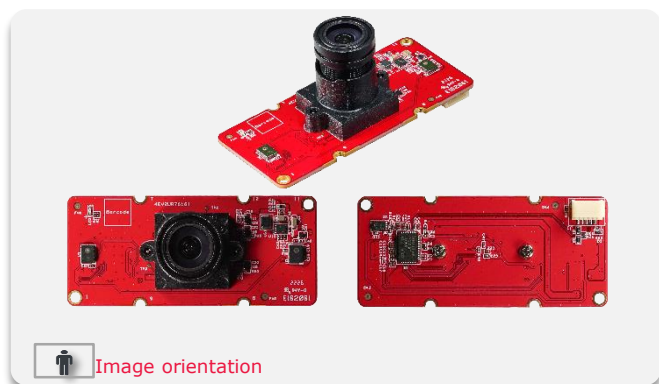


USB2.0 Fixed Focus Camera Module

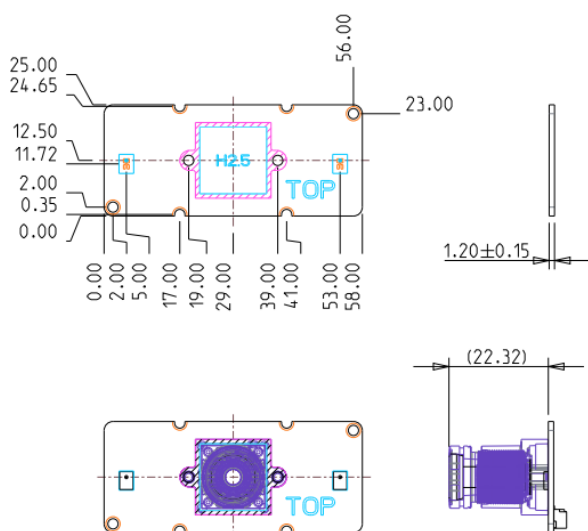


Features

- 1920x1080@30fps
- Lens D/H/V FOV:86°/72°/38°
- HDR
- OS Support: Windows, Linux, Android, MacOS (UVC)
- Compliant to USB2.0 and USB Video Class
- Complies with CE/FCC Class A

Mechanical Drawing

Mechanical Drawing



Lens Specification

Items	Specification
F No.	2.2 ± 10%
Focal Length	3.2 ± 5%
Optical Back Focal Length	5.11 ± 0.1mm (in air)
Mechanical Back Focal Length	4.7 ± 0.2mm (in air)
TTL	22.28 ± 0.2mm (in air)
Image Circle	Φ5 (MAX)
Lens Structure	1G3P
Mount	M12*P0.5
DFOV	86°

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prior notice.

February 22, 2023

Specifications

Resolution	1920x1080 @ 30fps
Output I/F	USB2.0
Power consumption	Approximate 1W
Dimension (WxLxH)	58 x 25 x 22 mm
Operating Temp.	-20°C ~ +70°C
Sensor Size	1/4"
Pixel Size	2 um
Lens type	Fixed focus (M12)
Lens D/H/V FOV	86°/72°/38°
OS Support	Windows, Linux, Android, MacOS

Order information

EV2U-RMR2-MMC1-C1

USB2.0 Fixed Focus Camera Module

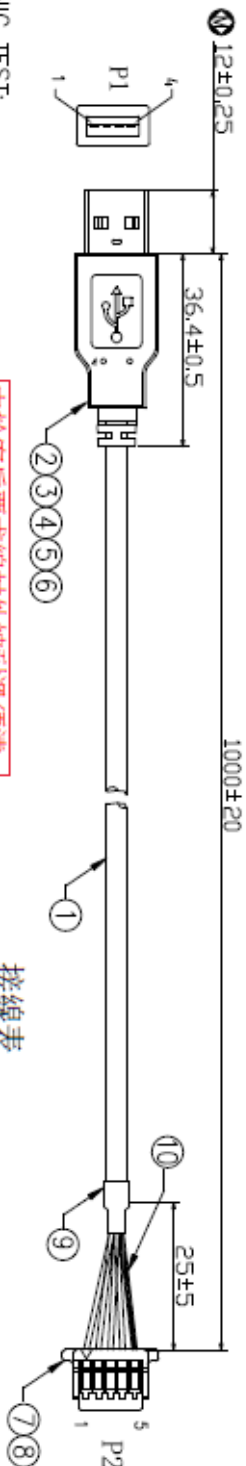
7W2000000160

USB2.0 cable 1 meter, 5 pins, pitch 1mm

Cable appearance



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接線表

P1	顏色	P2
1	紅	1
2	白	2
3	綠	3
4	黑	4
SHELL	地	5



ELECTRONIC TEST:
1.100% TEST FOR OPEN,SHORT,MISS WIRE
2.CONTACT RESISTANCE: 30M Ω max
3.INSULATION RESISTANCE: 10M Ω min
4.HI-POT TEST: 300V DC/10ms

由於客戶要求線材外被耐溫須達105度C,線材UL規格無法印字為105度,但實機測試線材外被符合105度

5	10	TUBE	HEAT SHRINK TUBING COLOR: BLACK	ø0.8*27mm	1	PCS
	9	TUBE	HEAT SHRINK TUBING COLOR: BLACK	ø4*15mm	1	PCS
	8	TER	TERMINAL ACES P/N: 87214-W-L		5	PCS
6	7	HSG	1*SP HSG 1.0 PITCH WHITE ACES P/N: 50233-005H0H0-001		1	PCS
	6	MOLDING	LDPE P/N: NA208		N/A	G
	5	MOLDING	PVC 4SP BLACK		N/A	G
7	4	CONN	GWO JINN P/N: MC-UB0ASP85		1	PCS
	3	CONN	GWO JINN P/N: MC-UB0ASP84		1	PCS
	2	CONN	GWO JINN P/N: UB-ASP-KS-0039		1	PCS
	1	CABLE	UL2725 28#*1P+28#*2C+AEB OD: 3.5mm USB 2.0 COLOR: BLACK		1	PCS
	NO.	NAME	SPECIFICATION		Q'TY	UNIT

A	Initial issue.		12-29-22	MOTOMLIN
Rev.	Revision Description		Date	Prepared
QUALITY SERVICES MAJOR ② CRITICAL ③		DRAWN BY MOTOMLIN 12-29-22	DATE	
GENERAL TOLERANCES (UNLESS SPECIFIED) X ±.50 .X ±.30 .XX ±.10 .XXX ±.05 ANGLE ±1°		CHECKED BY DATE	 IMEX INC.	
APPROVED BY		DATE	TITLE CABLE USB 2.0 TO CONN. 5 PIN PITCH 1.0mm, L=1000mm	
UNITS	mm		SIZE A4	INFO NO.
SCALE	1:1		REV	USE ONE
SHEET NO.	1 OF 2	A	PART NO.	60-6563-350-FA