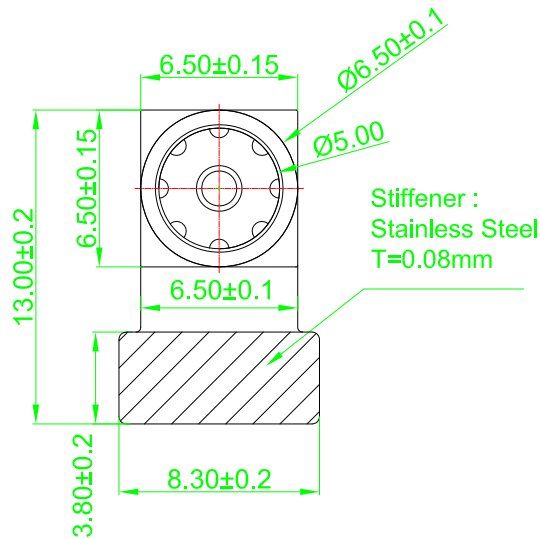
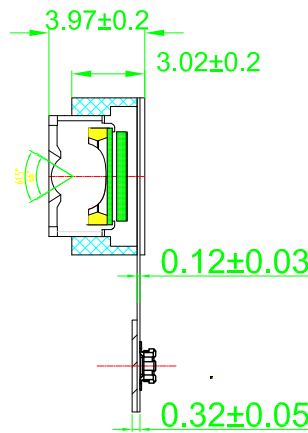


SF3M036A08

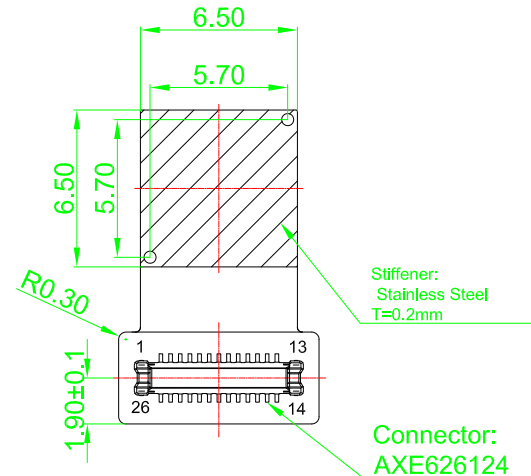
advert:
basic tolerance: $\pm 0.1\text{mm}$
label have "" is emphasis dimension



TOP VIEW



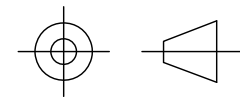
SIDE VIEW



BOTTOM VIEW

Pin Assignment

No.	SYMBOL
1	HVP
2	XSHUTDOWN
3	XSLEEP
4	AGND
5	AVDD 2.8V
6	DGND
7	MCLK
8	DGND
9	MDN
10	MDP
11	DGND
12	MCN
13	MCP
14	DVDD 1.2V
15	DVDD 1.2V
16	DOVDD 1.8V
17	DGND
18	RTC
19	METER
20	DGND
21	SCL
22	SDA
23	DGND
24	TRIGGER
25	FSIN
26	INT



e Lens Parameter			Sensor Parameter			Revision History			Project:	
Lens Elements:	2P+IR 650nm		Chip Type:	HM0360					SF3M036A08	
EFL:	2.85mm		Pixel Array:	640H*480V					Unit:	
F No:	2.8		Lens Type:	1/6"					mm	
View Angle:	D52°*H42°*V32°		DVDD:	1.2±0.1V					Scale:	
Distortion:	<-3%		AVDD:	2.8±0.1 V					1:1	
focusing Range:	20cm~Infinity		DOVDD:	1.8±0.1V					Approval:	
Note:# Image direction register use default settings. Output formats: 8-bit RGB RAW Sensor Slave Address: (W: 0X24 7bit I2C_SEL1=L, I2C_SEL0=L)						1.0	2023-04-01	Original	Check:	Brown Chen
						VER:	Date:	Change Item	Draft:	James Zhang
										2023-04-01
										2023-04-01