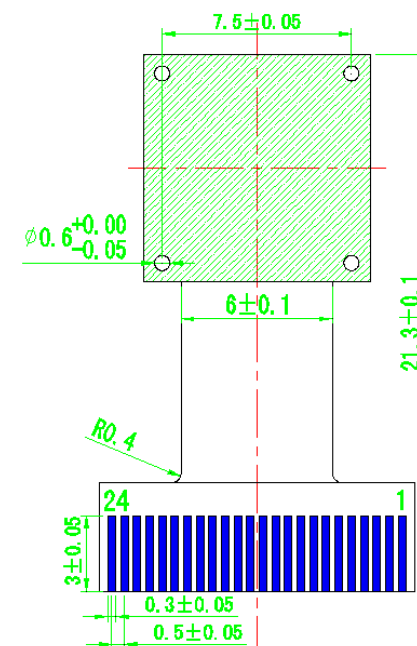
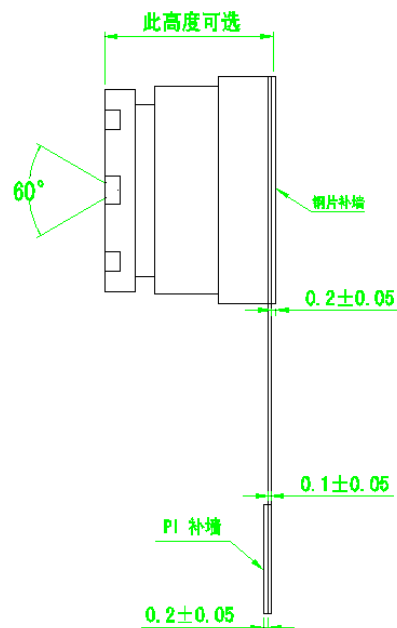
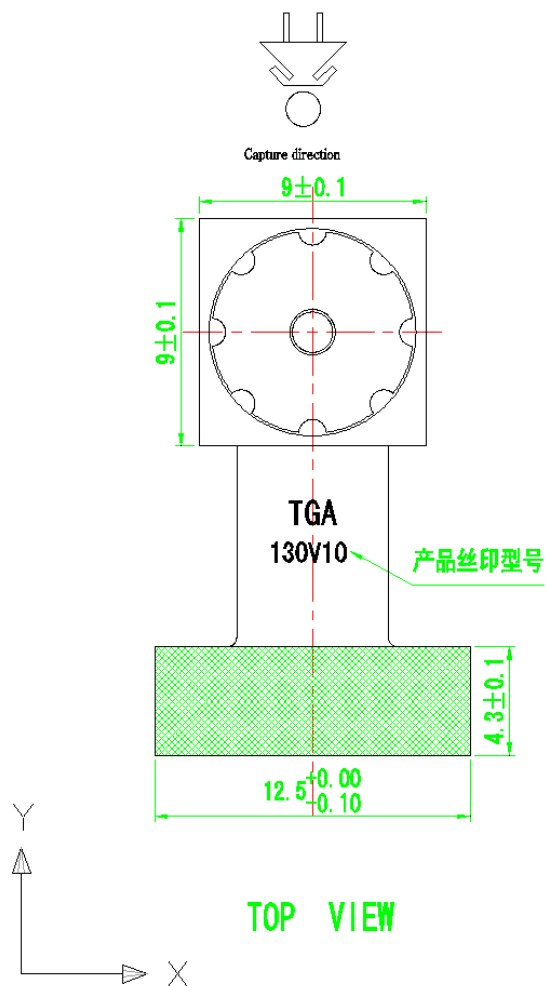


No.	Symbol
1	NC
2	AGND
3	SIO-D
4	AVDD
5	SIO-C
6	RESET
7	VSYNC
8	PWDN
9	HREF
10	DVDD
11	DOVDD
12	D7
13	XCLK
14	D6
15	DGND
16	Y5
17	PCLK
18	D4
19	D0
20	D3
21	D1
22	D2
23	NC
24	NC



Effective Focal Length (EFL)	2.7mm	Array Size	1280x1024
Aperture (F.No)	2.8	Lens Size	1/6 inch
View Angle	60°	DVDD	1.8±10%V
Distortion	<1.0%	AVDD	2.45V - 2.8V
Focusing Range	20cm-60m (at 0.6m)	DOVDD	2.5V - 3.3V
Chip Type	OV9650		

UNIT: mm
FILE NO.: TGA130V10
TechToys Company
DATE: 2008.12.23
NOTE: www.TechToys.com.hk