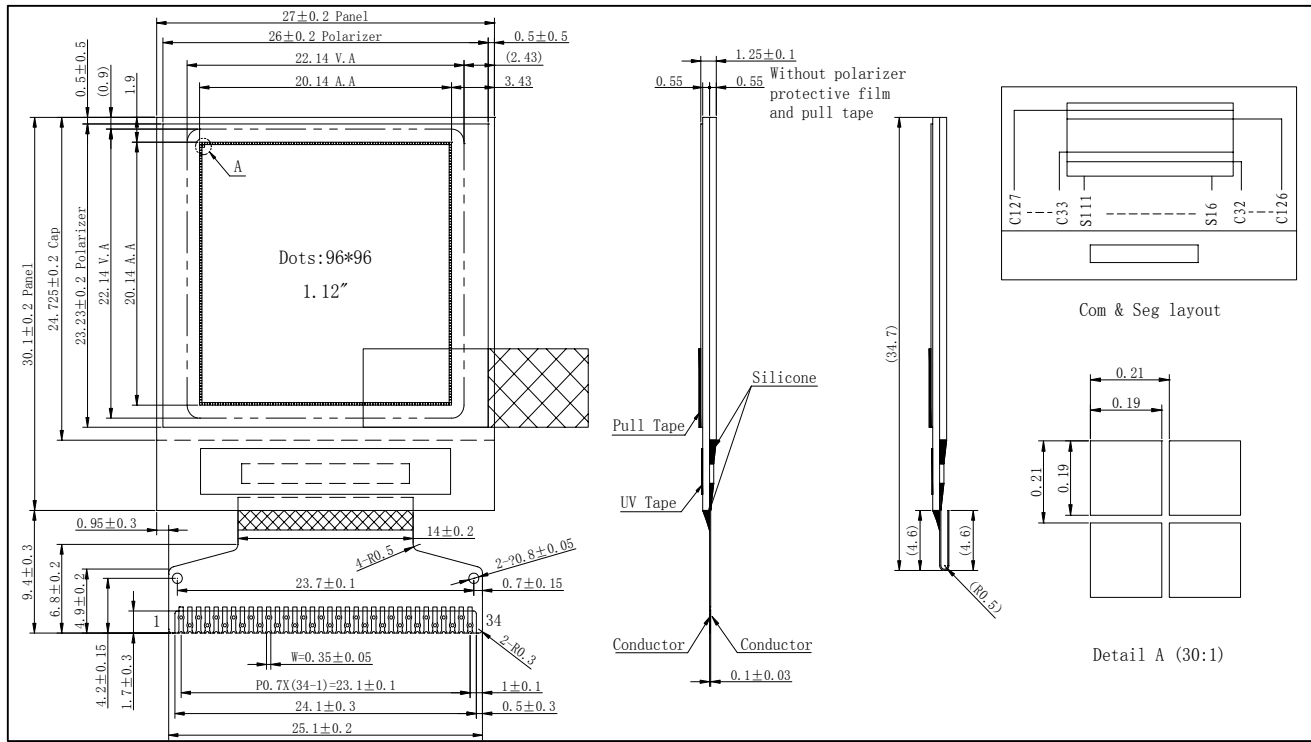


PRODUCT SPECIFICATION

KPS-0027-E01

Product Name: 120-096096

I. MECHANICAL DIMENSION

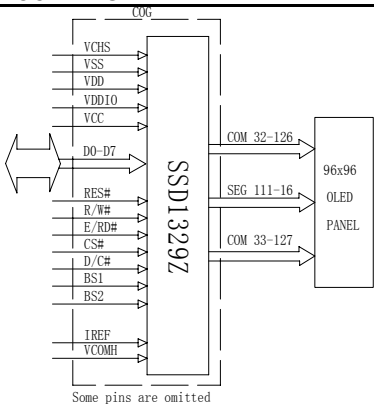


Display Color:White

2. MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Diagonal A/A size	1.12	inch
No. of Dots(W×H)	96×96	--
Dot Size(W×H)	0.19×0.19	mm ²
Dot Pitch(W×H)	0.21×0.21	mm ²
Active area(W×H)	20.14×20.14	mm ²
Panel Size(W×H)	27×30.1	mm ²
Thickness	1.25	mm

4. BLOCK DIAGRAM



3. PIN CONFIGURATION

NO.	SYMBOL	DESCRIPTION
1	NC	No Connection.
2	VCHS	It must be connected to external ground.
3	VCC	OLED Drive Voltage
4	NC	No Connection.
5	NC	No Connection.
6	VDD	Logic Power Supply.
7	NC	No Connection.
8	VDDIO	A power supply pin of I/O buffer. Connected to VDD or external source.
9	RES#	Reset pin, active low.
10	R/W#	6800: Read or Write ; 8080: Write.
11	E/RD#	6800: Enable (E); 8080: Read.
12	CS#	Chip select pin, active low.
13	D/C#	H:Data; L :Command.
14-21	D0~D7	Data bus.
22	BS1	Pin Name 8bit-6800 8bi-8080 Serial BS1 0 1 0
23	BS2	BS2 1 1 0
24	NC	No Connection.
25	NC	No Connection.
26	IREF	Tie resistor to VSS.
27	VSS	Ground Pin.
28	NC	No Connection.
29	NC	No Connection.
30	NC	No Connection.
31	NC	No Connection.
32	VCC	OLED Drive Voltage.
33	NC	No Connection.
34	VCOMH	A capacitor should be connected between this pin and VSS.

6. ELECTRICAL CHARACTERISTICS

PARAMETER	L	MIN	TYP.	MAX	UNIT
Logic Supply Voltage	VDD	2.4	3	3.5	V
OLED Drive Voltage	VCC	12.5	13	13.5	V

5. ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	MIN	MAX	UNIT
Logic Supply Voltage	VDD	-0.3	3.5	V
Operating Voltage	VCC	8	16	V
Operating Temp.	Top	-40	70	°C
Storage Temp.	Tstg	-40	80	°C

7. ELECTRO-OPTICAL CHARACTERISTICS

ITEM	MIN	TYP.	MAX	UNIT
Brightness	TBD	TBD	--	cd/m ²
Power Consumption			TBD	mW