

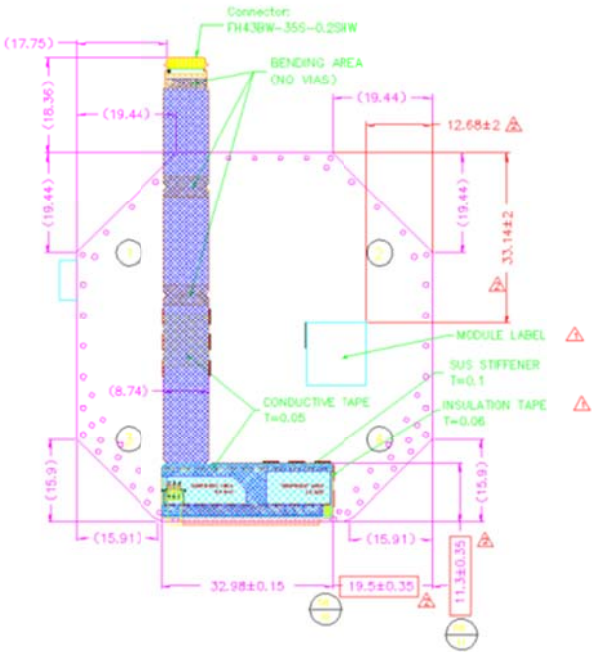
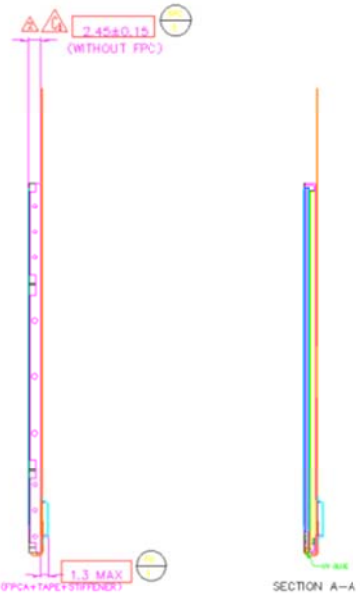
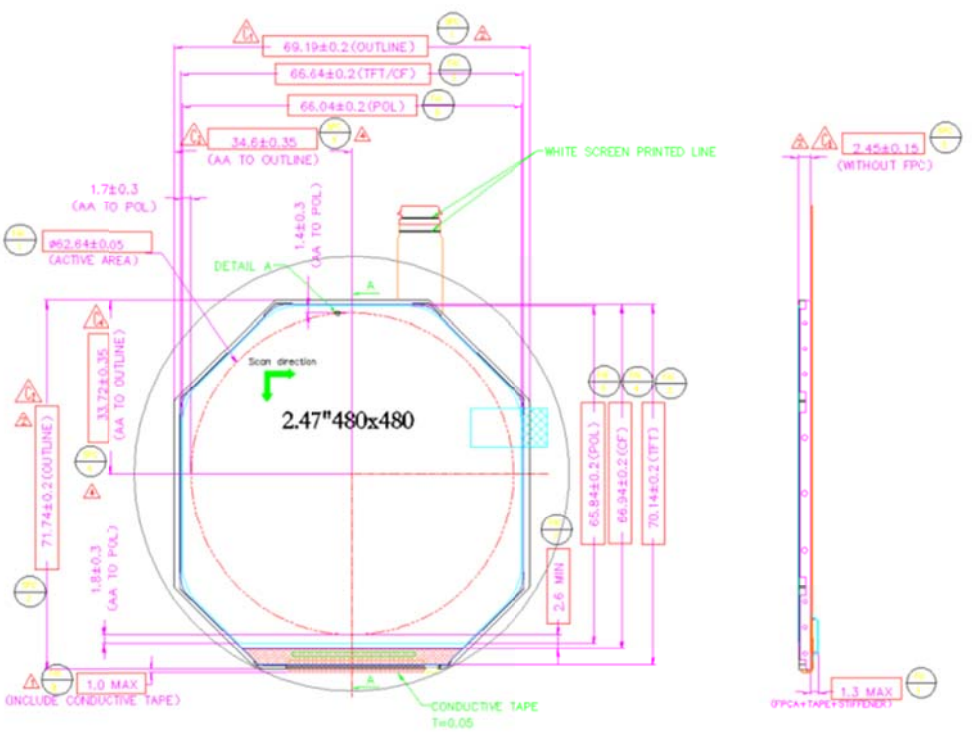
Reachlight Optoelectronic Limited

1. General Specifications

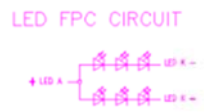
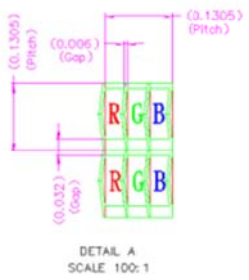
The 2.47inch is a TFT-LCD module. It is composed of a TFT-LCD panel, driver IC, FPC, a back light unit. This display area contains 480*480 pixels and can display up to 16.7M colors. This product accords with ROHS environmental criterion.


Item	Contents	Unit	Note
LCD Type	TFT	-	
Display color	16.7M		
Viewing Direction	ALL	O'Clock	
Operating temperature	-10~+60	°C	
Storage temperature	-30~+70	°C	
Module size	69.19×71.74×2.45	mm	
Active Area(W×H)	62.64×62.64	mm	
Number of Dots	480×480	dots	
Display Controller	HX8379-C	-	
Power Supply Voltage	3.3	V	
Backlight	6	pcs	
Display Interface	MIPI	-	

2. Outline Drawing



1	GND
2	DSL_D1P
3	NC
4	DSL_D1N
5	GND
6	GND
7	GND
8	DSL_CP
9	NC
10	DSL_CN
11	GND
12	GND
13	GND
14	DSL_D0P
15	NC
16	DSL_D0N
17	GND
18	GND
19	ID0
20	ID1
21	RST
22	NC
23	THERM
24	IOVCC
25	GND
26	VCI
27	
28	GND
29	LED1-
30	LED2-
31	NC
32	LED+
33	
34	NC
35	GND



Article NO.	RLEV025Z6M
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3. Optical Characteristics

Item	Symbol	Condition	Min.	Typ.	Ma x.	Unit	Note
Brightness	Bp	$\theta=0^\circ$ $\Phi=0^\circ$	350	400	-	Cd/m ²	
Uniformity	Δ Bp		70	-	-	%	
Viewing Angle	3:00	Cr \geq 10	70	85	-	Deg	
	6:00		70	85	-		
	9:00		70	85	-		
	12:00		70	85	-		
Contrast Ratio	Cr	$\theta=0^\circ$ $\Phi=0^\circ$	800	1000	-	-	
Response Time	T _r +T _f		-	-	35	ms ms	
Color of CIE Coordinate	W	x	$\theta=0^\circ$ $\Phi=0^\circ$	Typ- 0.03	0.313	Typ+0.0 3	-
		y			0.329		-
	R	x			0.637		-
		y			0.328		-
	G	x			0.337		-
		y			0.622		-
	B	x			0.155		-
		y			0.055		-
NTSC Ratio	S		65	70	-	%	

Note : The parameter is slightly changed by temperature, driving voltage and materiel