

1. General Specifications

No.	Item	Specification	Unit
1	Display Size (Diagonal)	3.0	inch
2	Display Resolution	480(H) × RGB × 854 (V)	pixels
3	Pixel Pitch	26(H) × 78 (V)	um
4	LCM Outline Dimension (Without FPC)	42.70 (W) × 74.70 (H) × 2.5 (T)	mm
5	LCD Outline Dimension	40.33 (W) × 72.86 (H) × 1.0 (T)	mm
6	TLCM Outline Dimension (Without FPC)	49.80 (W) × 85.10 (H) × 4.03 (T)	mm
7	LCD Active Area	37.44 (W) × 66.61 (H)	mm
8	View Direction (Gray Inversion)	FULL VIEW	-
9	Driver IC	ST7701S-G5	-
10	Pixel Arrangement	RGB-Stripe	-
11	Display Mode	Normal Black	-
12	Pixel driving Element	a-Si TFT	-
13	LCD Transmittance	Typ.: 3.5% Min:3.1%	-
14	LCD Contrast Ratio	Typ.: 1000 Min:800	-
15	FPC Version	Z30010-P40F-R V6	-
16	Interface	RGB+SPI	-
17	Operating Temperature	-20°C~ 70°C	-
18	Storage Temperature	-30°C~ 80°C	-
19	Backlight Arrangement	LED/6 Series 1 Parallel (6 lights in total)	-
20	Luminance	460	nit
21	Weight	0.029	kg