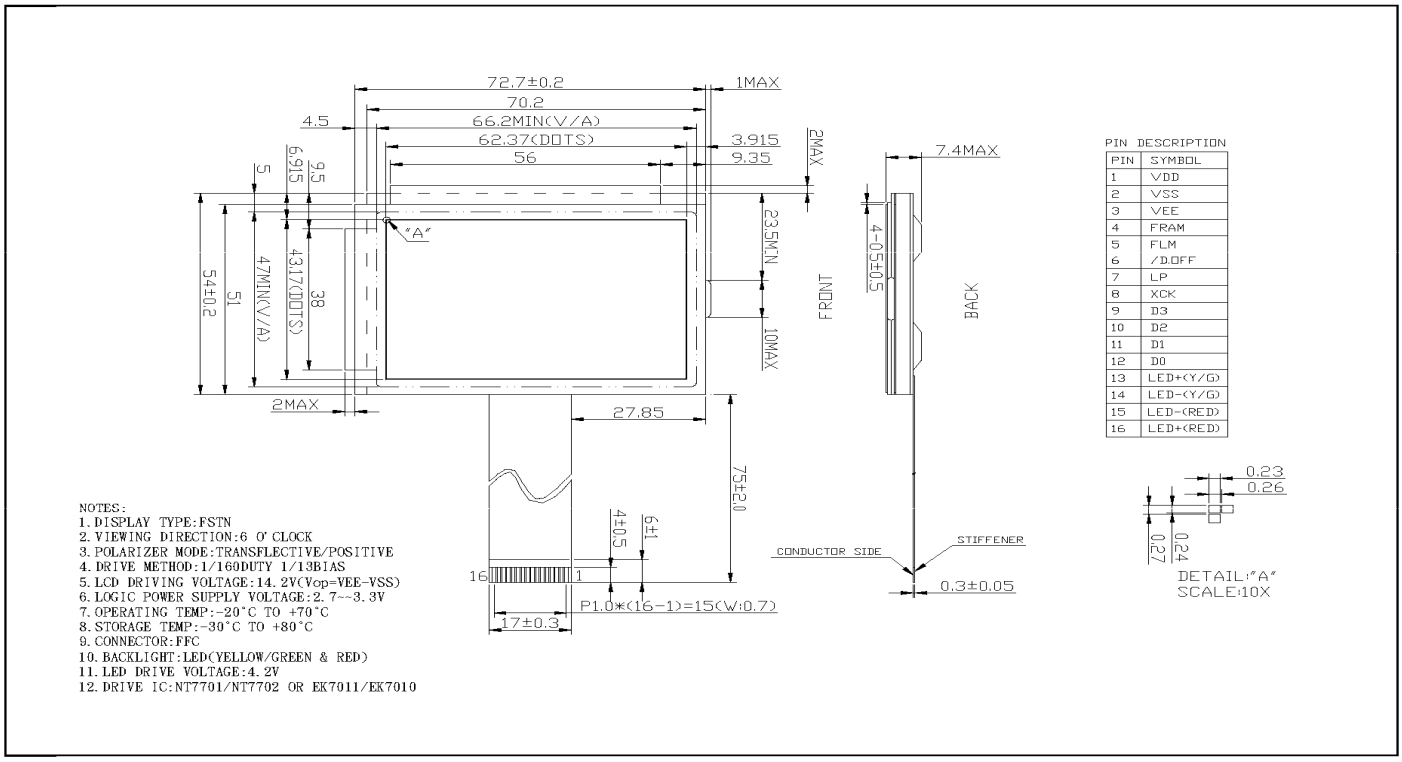
SAZENTO SAG240160CT Graphic: 240 x 160 dots



PIN DESCRIPTION

PIN	SYMBOL
1	VDD
2	VSS
3	VEE
4	FRAM
5	FLM
6	/DOFF
7	LP
8	XCK
9	D3
10	D2
11	D1
12	D0
13	LED+(Y/G)
14	LED-(Y/G)
15	LED-(RED)
16	LED+(RED)

FEATURE

1. FSTN, Positive, Transflective

2. IC: NT7011H-TABF3/NT7702N-TABF4

3. 1/160Duty, 1/13Bias, 6 O'clock

4. Backlight: LED(Yellow-Green & Red), Display dot:

Black, Background: White

Pin NO	Symbol	Function
1	VDD	Power supply for logic(+3V)
2	VSS	Power Supply(0V)
3	VEE	Power Supply for LCD
4	FRAM	AC Signal input for LCD driver output lecel
5	FLM	Frame start signal (First line mark of common signal)
6	/DOFF	Control input pin to deselect output level
7	LP	Latch pulse input for displaying data
8	XCK	Input clock pin for displaying data
9	D3	Display data
10	D2	
11	D1	
12	D0	
13	LED+(Y/G)	LED Yellow-Green power supply
14	LED-(Y/G)	
15	LED-(RED)	LED Red power supply
16	LED+(RED)	

MECHANICAL DATA		
Item	Standard Value	Unit
Module Size	72.7(W) × 129(H) × 7.4MAX(T)	mm
Viewing Area	66.2MIN(W) × 47MIN(H)	mm
Dot Size	0.24(W) × 0.23(H)	mm
Dot Pitch	0.27(W) × 0.26(H)	Mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.3	—	7.0	V
Input Voltage	VIN	-0.3	—	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH		0.8VDD	—	—	V
	VIL		—	—	0.2VDD	
Output Voltage	VOH	—	VDD-0.4	—	—	V
	VOL		VSS	—	0.4	
Current Consumption	IDD	VDD=3.0V	—	5.51	10	mA
Supply Voltage For Logic	VDD—VSS	—	2.7	—	3.3	V
Supply Voltage For LCD	VOP=VEE-VSS	Ta=25℃	13.7	14.2	14.7	V