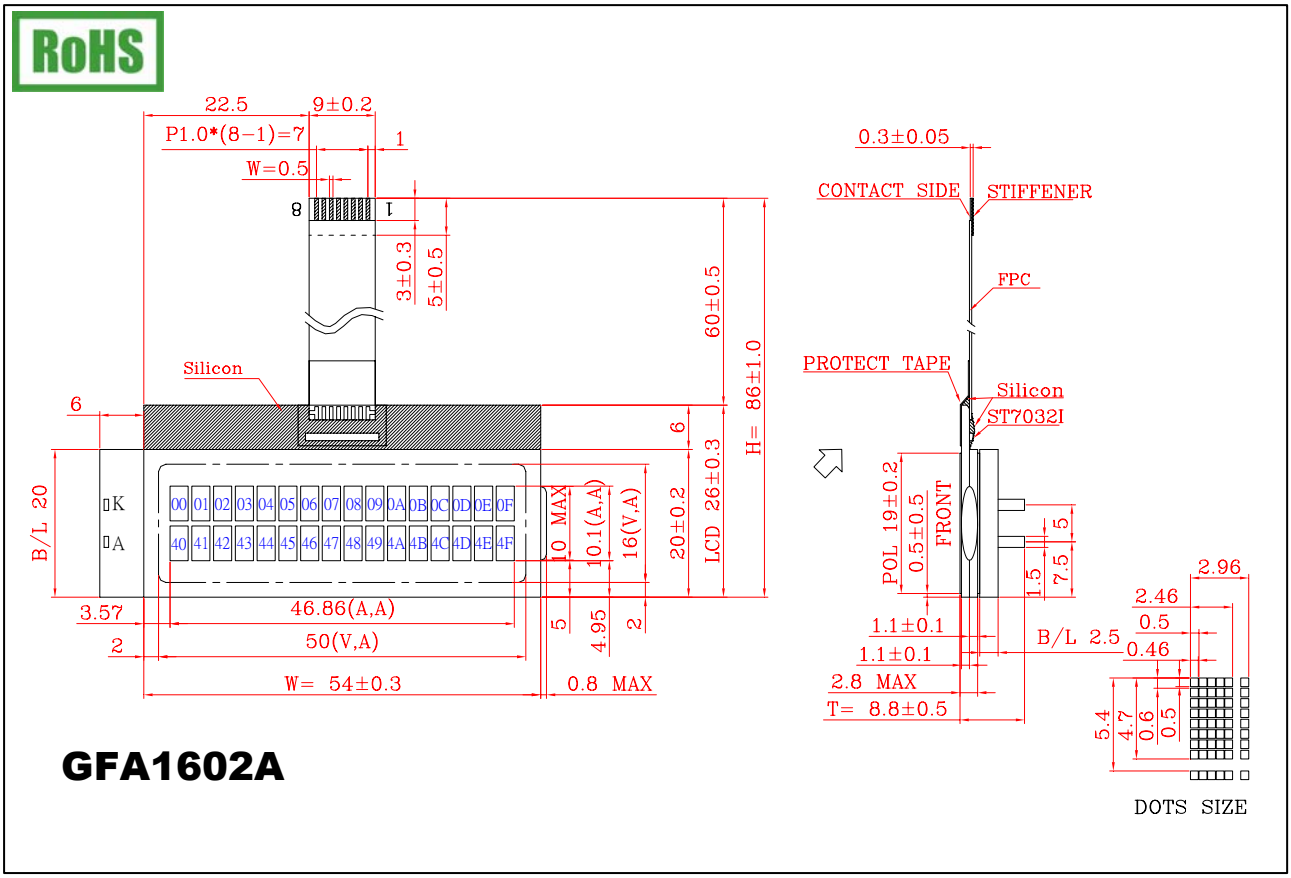

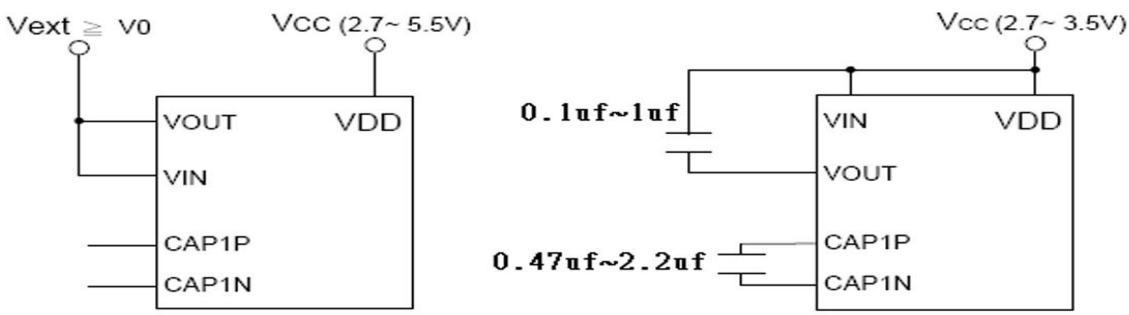

Interface		
Pin no	Symbol	Function
1	RST	Enternal reset pin
2	SCL	Serial clock input
3	SDA	Serial date input
4	VSS	Power supply (GND)
5	VDD	Power supply(+)
6	CAP+	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.
7	CAP-	For voltage booster circuit(VDD-VSS) External capacitor about 0.1u~4.7uf.
8	VOUT	DC-DC voltage converter.

Feature			
Controller	ST7032I	Module	60.0 x 26.0
Duty	1/16 duty	Viewing Area	50.0 x 16.0
Bias	1/5 bias	Mounting hole	-
B/L	Y/G	Character Size	2.46 x 4.7

Absolute Maximum Rating					
I tem	Symbol	Condition	Min	Max	Units
Supply for logic voltage	Vdd-Vss	25˚c	-0.3	7	V
LCD driving supply voltage	Vdd-Vss	25˚c	-0.3	13	V
Input voltage	Vin	25˚c	-0.3	Vdd+0.3	V

Electrical Characteristics						
Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power supply voltage	Vdd-Vss	25˚c	2.7	-	5.5	V
LCD operation voltage	Vop	25˚c	-	4.2	-	V
LED Forward Voltage	VF	25˚c	-	4.2	-	V
LED Forward Current	IF	25˚c	-	20	-	mA