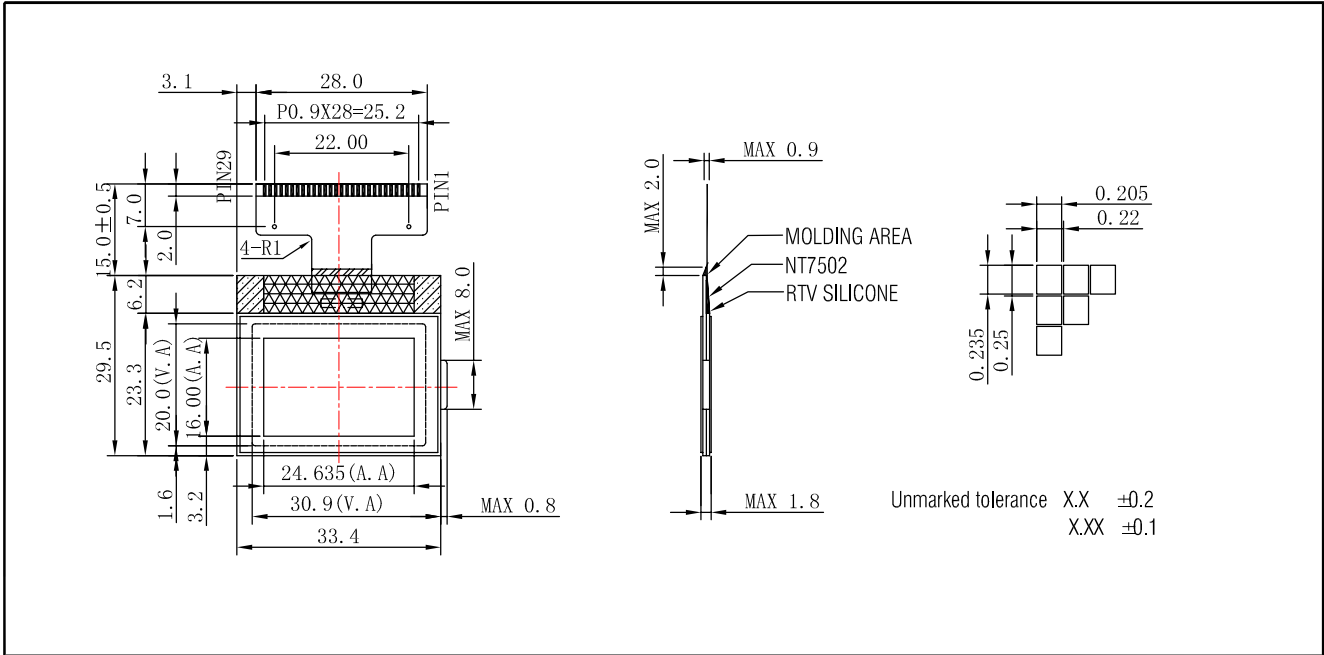
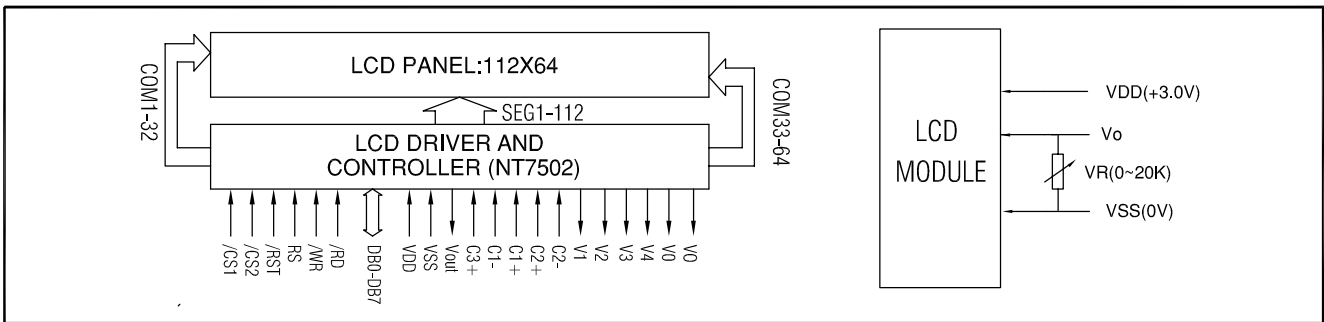


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	33.4x29.5x1.8	LCD Type	STN、FSTN
View Area (W*H)	28.4X20.0	LCD Colour	STN:Yellow-Green、 Gray FSTN:Gray
DotsxDots(W*H)	112X64	View Angle	6 O'clock、 12 O'clock
Dot Pitch (W*H)	0.22X0.25	Display Type	Positive Type、 Negative Type
Dot Size (W*H)	0.205X0.235	Rear polarizer	Transmissive、 Reflective、 Transflective
---	---	Operating Temperature	0°C ~ 50°C 、 -20°C ~ 70°C
---	---	Backlight	Without

ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25° C	---	3.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25° C	---	8.7	---	V
Supply Current	Idd	Ta=25° C, Vdd=3.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	---	---	---	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description	Pin No	Symbol	Level	Description
1	/CS1	L	Chip selection 1	19	C3+	--	Capacitor 3 positive connection pin
2	/CS2	L	Chip selection 2	20	C1-	--	Capacitor 1 negative connection pin
3	/RST	L	Reset signal	21	C1+	--	Capacitor 1 positive connection pin
4	RS	H/L	Register selection	22	C2+	--	Capacitor 2 positive connection pin
5	/RD	L	Read signal	23	C2-	--	Capacitor 2 negative connection pin
6	/RW	L	Write signal	24	V1	--	LCD driver supply voltages Voltages should have the following relationship: V0 ≥ V1 ≥ V2 ≥ V3 ≥ V4 ≥ VSS
7-14	DB0-DB7	H/L	Data Bus lines	25	V2	--	
15	VDD	--	Power supply for Logic(+3.0V)	26	V3	--	
16	VSS	--	Ground for Logic	27	V4	--	
17	Vout	--	Voltage converter input/output pin	28	V0	--	
18	NC	--	No Connection	29	V0	--	

REMARK

Operating voltage option: 5.0v or 3.0V
Negative type LCD colour: Blue