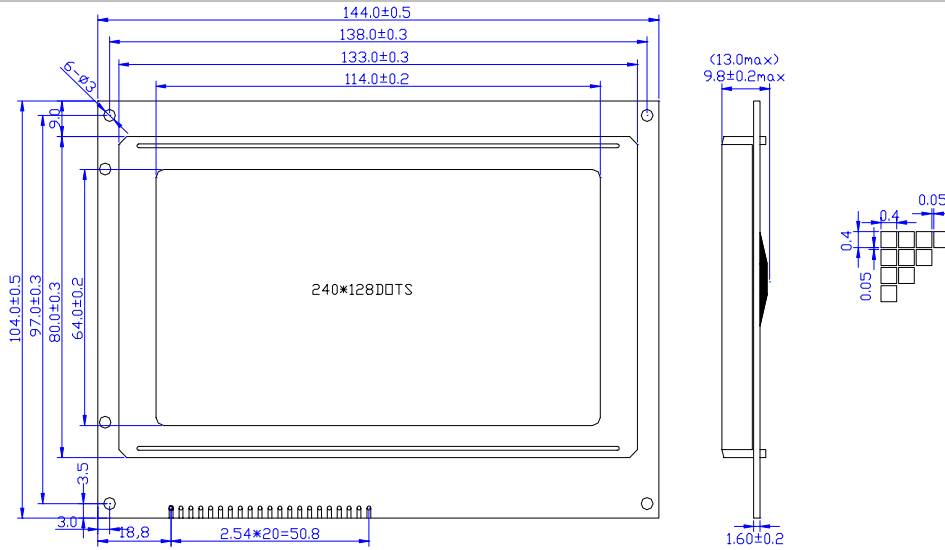


RT240128ASR(L)

*240X128 DOTS *1/64Duty 1/9 Bias Gray mode STN Transflective

EXTERNAL DIMENSIONS AND DISPLAY PATTERN



PIN CONNECTION

MECHANICAL DATA (Nominal dimensions)		
module size-----	144.0Wx104.0Hx10.0D	mm
Effective display area -----	114.0Wx64.0H	mm
Dots pitch-----	0.45Wx0.45H	mm
Dot size-----	0.40Wx0.40H	mm
ABSOLUTE MAXIMUM RATINGS min max		
Power supply voltage(Vdd)-----	0.3	7.0V
LCD-drive Voltage(Vlcd)-----	VDD+0.3	VDD-3.0V
Operating temperature(Ta) -----	0	60
Storage temperature(Tstg) -----	-10	70
ELECTRICAL CHARACTERISTICS min max		
Ta=25 , Vdd=5.0V±0.25V		
Input 'high' voltage(ViH)(V) -----	0.7Vdd	Vdd
Input 'low' voltage(ViL)(V) -----	0	0.3Vdd
Power supply current(Idd)(mA) -----	--	--
Supply lcd current(Ilcd)(mA)-----	--	--
Drive method -----	1/64Duty	1/9bias
LCM power consum -----	--	20mA

Pin No.	Symbol	Level	Function
1	FG	0V	Frame ground
2	VSS	0V	Ground
3	VDD	+5V	Power supply
4	V0	—	Operating voltage for LCD drive
5	/WR	H/L	Write signal
6	/RD	H/L	Read signal
7	CE	L	Chip enable signal
8	C/D	H/L	H:Instruction code L:Data code
9	RESET	L	Reset signal
10	D0	—	Data bus line *
11	D1	—	
12	D2	—	
13	D3	—	
14	D4	—	
15	D5	—	
16	D6	—	
17	D7	—	
18	FS	H/L	Font select(H:6x*dots L:8x8 dots)
19	NC	—	Not connection
20	LED+	—	Power supply for LED
21	LED-	—	Power supply for LED

BLOCK DIAGRAM

