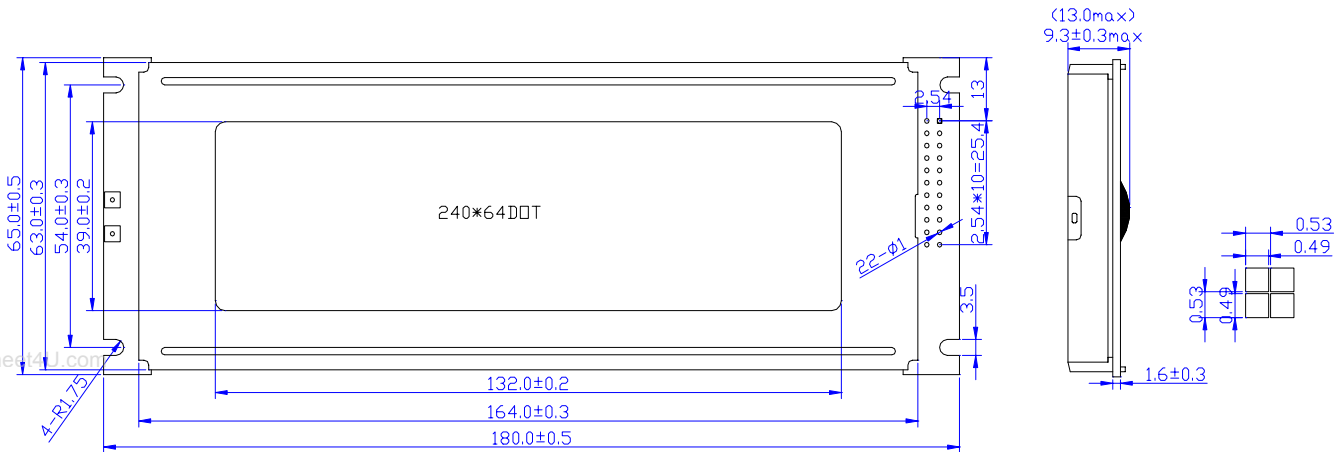


# RT-24064BSR(L)

\*240X64 DOTS \*1/64Duty 1/9 Bias Gray mode STN Transflective

## EXTERNAL DIMENSIONS AND DISPLAY PATTERN



### PIN CONNECTION

Pin No.	Symbol	Level	Function
1	GND	0V	Frame ground
2	GND	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	NC	—	Not connection
10	RESET	L	Reset signal
11	D0	—	<b>Data bus line *</b>
12	D1	—	
13	D2	—	
14	D3	—	
15	D4	—	
16	D5	—	
17	D6	—	
18	D7	—	
19	FS	H/L	Font select (H: 6x*dots L: 8x8 dots)
20	VOUT		
21	LED+	—	Power supply for LED
22	LED-	—	Power supply for LED

### MECHANICAL DATA (Nominal dimensions)

module size -----180.0Wx65.0Hx11.0D mm  
 Effective display area-----132.0Wx39.0H mm  
 Dots pitch----- 0.53Wx0.53H mm  
 Dot size----- 0.49Wx0.49H 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  
 模块内自带负压 (-10V)

### BLOCK DIAGRAM

