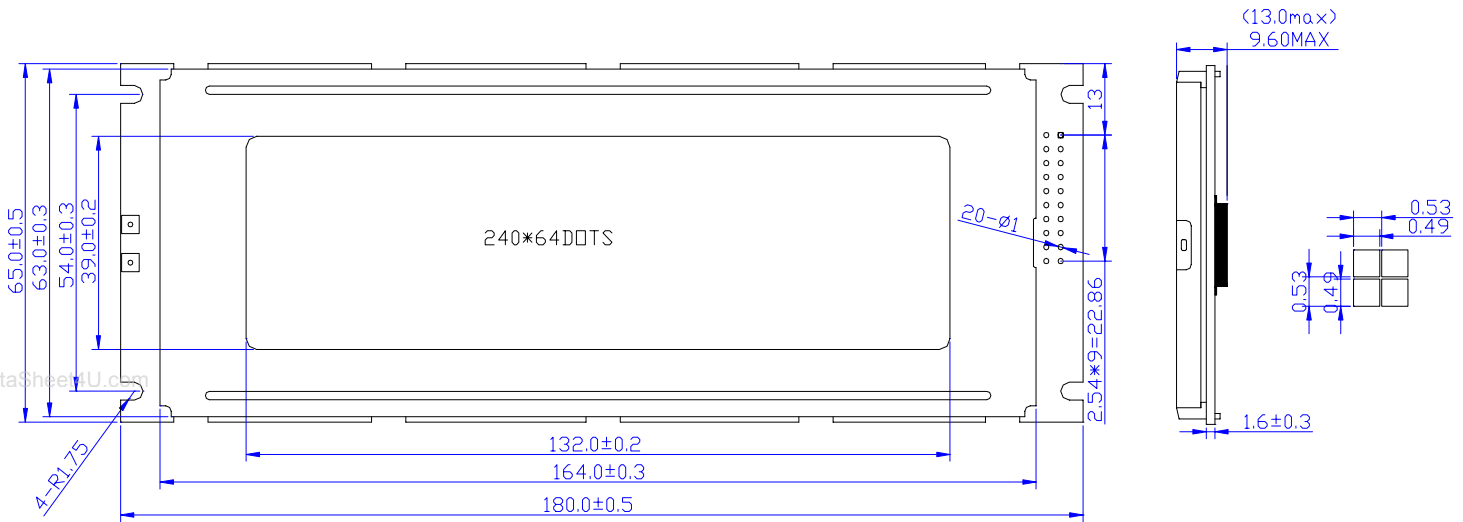


RT-24064ASR(L)

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

EXTERNAL DIMENSIONS AND DISPLAY PATTERN



PIN CONNECTION

Pin No.	Symbol	Level	Function
1	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	NC	—	Not connection
10	RESET	L	Reset signal
11	D0	—	Data bus line *
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	NC		

MECHANICAL DATA (Nominal dimensions)

module size-----180.0Wx65.0Hx10.0(13.0)D 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(V_{dd})----- 0.3 7.0V
 LCD-drive Voltage(V_{lcd}) ----- VDD+0.3 VDD-3.0V
 Operating temperature(T_a) ----- 0 60
 Storage temperature(T_{stg}) ----- -10 70

ELECTRICAL CHARACTERISTICS min max

T_a=25 °C, V_{dd}=5.0V±0.25V
 Input 'high' voltage(V_{iH})(V) -----0.7V_{dd} V_{dd}
 Input 'low' voltage(V_{iL})(V) -----0 0.3V_{dd}
 Power supply current(I_{dd})(mA) ----- -- --
 Supply lcd current(I_{lcd})(mA)----- -- --
 Drive method ----- 1/64Duty 1/9bias
 LCM power consum ----- -- 20mA
 模块内自带负压 (-10V)

BLOCK DIAGRAM

