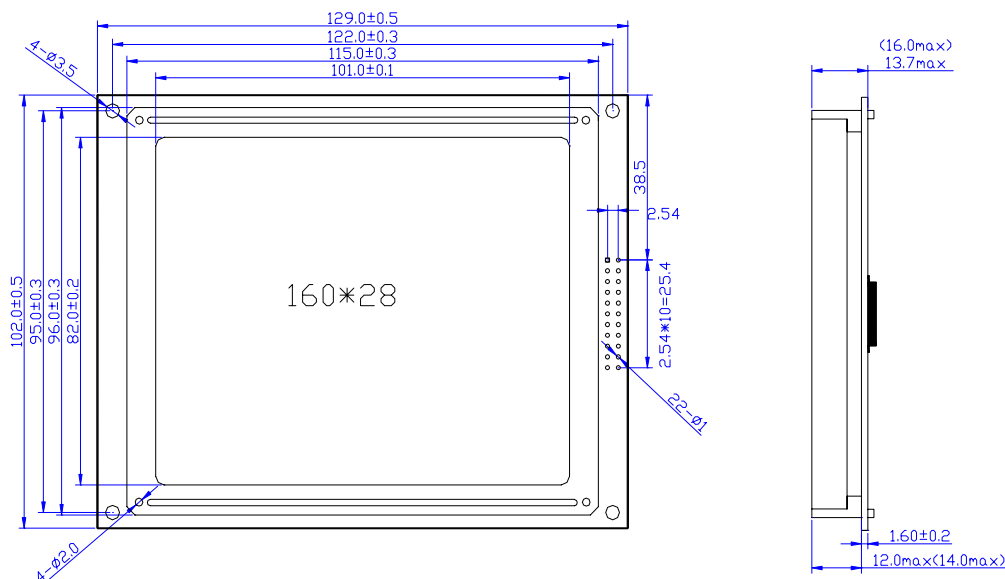


RT160128-1SR(L)

*160X128Dot * YELLOW mode STN Transflective *+5V single power supply *

EXTERNAL DIMENSIONS AND DISPLAY PATTERN



PIN CONNECTION

MECHANICAL DATA (Nominal dimensions)		
module size	-----	129.0WX102.0Hx13.7D mm
Effective display area	-----	101.0WX82.0H mm
Dot size	-----	0.36Wx0.36H mm
Dots pitch	-----	0.41Wx0.41H mm
ABSOLUTE MAXIMUM RATINGS min max		
Power supply voltage(Vdd-Vss)	-----	0 6.7V
Power supply for LCD-dirve(Vdd-Vo)	-----	13.0V
Input voltage(Vi)	-----	Vss Vdd
Operating temperature(Ta)	-----	0 60
Stroage temperature(Tstg)	-----	-10 70
ELECTRICAL CHARACTERISTICS		
Ta=25 , Vdd=5.0V+0.25V		
Input 'high' voltage(ViH)	-----	3.5Vmin
Input 'low' voltage(ViL)	-----	0.3Vdd
Power supply current(Idd)(Vdd=5.0V)	-----	2.51mAmx
Drive method	-----	1/64Duty
BLOCK DIAGRAM		

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