



### Note

1. All dimension are in mm
2. Glass thickness: Front--1.1; Back--1.1
3. Duty: 1/16; Bias: 1/5; Vop: 4.5V
4. STN or DSTN; Positive, Transflective or Reflective and Transmissive
5. Connector: Zebra
6. Operating Temperature: Normal 0~+50deg; Wide -20~+70deg  
Storage Temperature: Normal -10~+60deg, Wide-30~+80deg
7. Viewing direction: 6 O'clock or 12 O'clock
8. Module type: COB
9. Backlight: (Yellow-Green)LED

## 7. MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size(W*H*T)	87.0×60.0×14.0(12)	mm
View Area(W*H)	61.2×25.0	mm
Active Area(W*H)	56.2×20.8	mm
Number of Character	16character×4 line	char
Dot Pitch(W*H)	0.60×0.60	mm
Dot Size(W*H)	0.55×0.55	mm
Character Pitch(W*H)	3.55×5.35	mm

## 8 .PIN CONFIGURATION

ITEN	SYMBOL	DESCRIPTION
1	Vss	Ground
2	Vdd	Power supply
3	V0	Bias voltage input for LCD driving
4	RS	Data/instruction register select
5	R/W	Read/Write select
6	E	Read-Write enable strobe
7	DB0	Data bus
8	DB1	Data bus
9	DB2	Data bus
10	DB3	Data bus
11	DB4	Data bus
12	DB5	Data bus
13	DB6	Data bus
14	DB7	Data bus
15(A)	LED(+)	LED Backlight +
16(K)	LED(-)	LED Backlight -