

VMC1602L

DIP shape for screw less assembly

Vtec Electronics GmbH
 Schenkstrasse 1
 CH-3380 Wangen a.A.
 Tel. +41 32 631 11 54
 Fax +41 32 631 12 16
 www.vtec.ch



Features

- ⇒ Chip on board with metal frame
- ⇒ Two line pin connections for direct soldering or plug on PCB
- ⇒ Characters: 5x7 dots
- ⇒ Controller ST7066 or equivalent
- ⇒ 5V or 3V supply voltage
- ⇒ Different colors for display and back light available



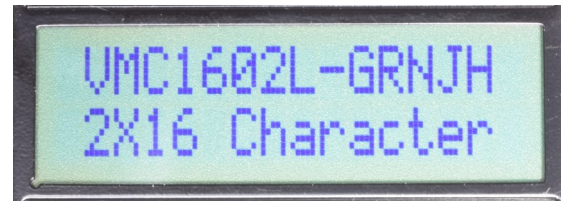
STN blue, negative, white back light

Mechanical Data	
Module Dimension	68 x 27 mm
Viewing Area	61 x 19 mm
Dot Size	0.56 x 0.8mm
Character Size	2.96 x 6.7 mm

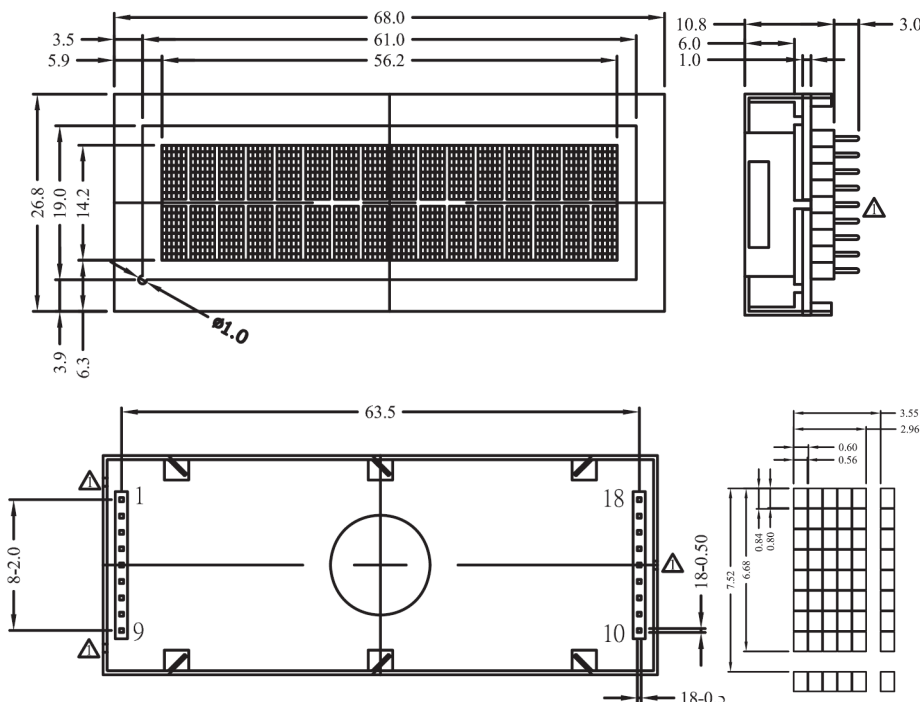


STN gray, positive, yellow back light

Electronic Characteristics		
Supply Voltage	Vdd	5V or 3V
LCD Driving	Vdd-Vo	4.0 V
LED Forward Voltage	Vf	4.2 V
LED Forward Current yellow	If	150 mA
LED Forward Current white	If	45 mA



STN gray, positive, no back light



Pin Assigment		
Pin	Symbol	Function
1	Vss	GND
2	Vdd	+5V or +3V
3	Vo	Contrast adjustment
4	RS	H/L register select
5	R/W	H/L read/write
6	E	H --> L enable
7 to 14	DB0 - 7	Data Bus
15	NC	No connection
16	NC	No connection
17	A	+ for back light
18	K	GND for back light