

VMC0802B

DIP shape for screw less assembly

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Features

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

Mechanical Data	
Module Dimension	40 x 20 mm
Viewing Area	36.3 x 13.9 mm
Dot Size	0.6 x 0.6mm
Character Size	3.12 x 5.01mm

Electronic Characteristics		
Supply Voltage	Vdd	5V or 3V
LCD Driving	Vdd-Vo	4.0 V
LED Forward Voltage	Vf	4 V
LED Forward Current green	If	100 mA
LED Forward Current white	If	40 mA



STN blue, negative, white back light



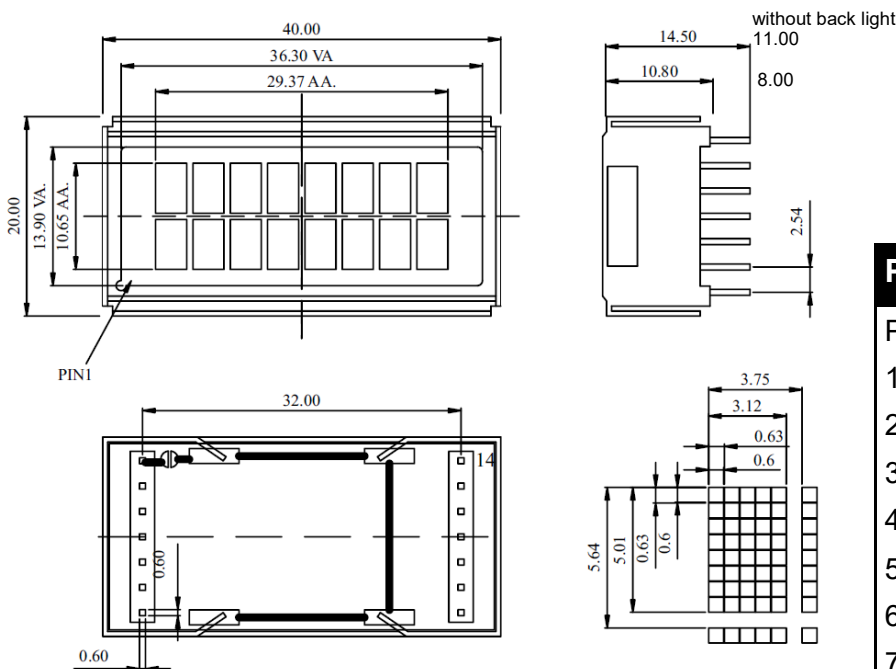
STN gray, positive, yellow back light



FSTN black, positive, white back light



STN gray, positive, no back light



Pin Assignment		
Pin	Symbol	Function
1	Vss	GND
2	Vdd	+5V (+3V optional)
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	(D0 = LED+)