

VMG12864J

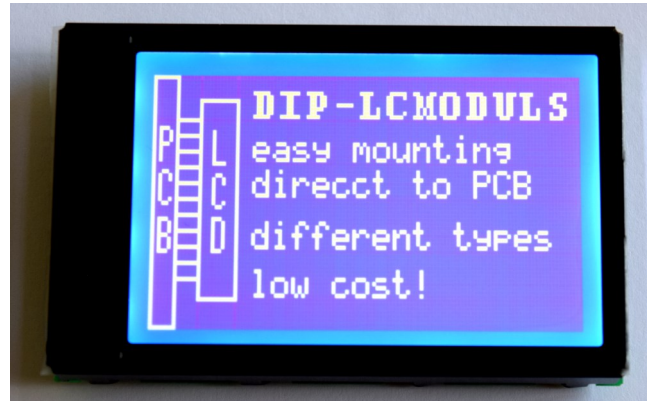
DIP shape for screw less assembly

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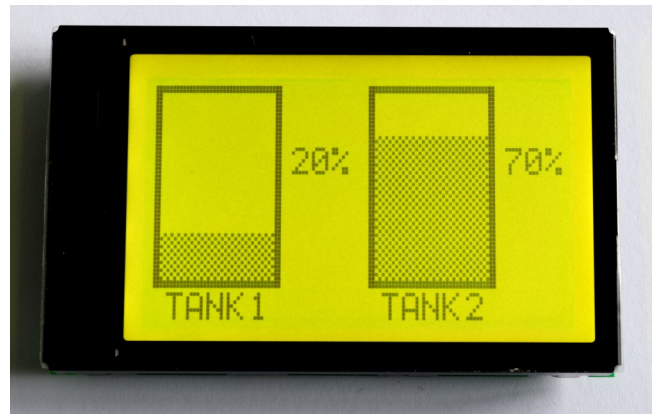


Features

- ⇒ Chip on board with metal frame
- ⇒ Two line pin connections for direct soldering or plug on PCB
- ⇒ 128 x 64 dots
- ⇒ Controller SBN0064/6400G
- ⇒ 5V power supply, with build-in negative voltage
- ⇒ Different colors for display and back light available



STN blue, negative, white back light



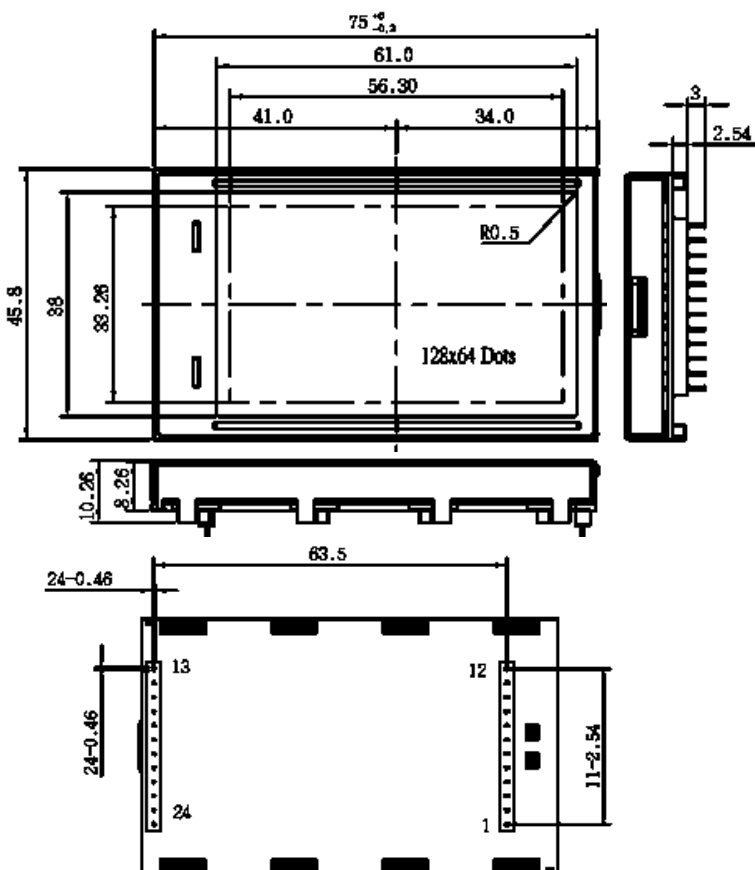
STN gray, positive, yellow back light

Mechanical Data

Module Dimension	75 x 45.8 mm
Viewing Area	61 x 38 mm
Dot Size	0.42 x 0.5mm
Dot Pitch	0.44 x 0.52mm

Electronic Characteristics

Input Voltage	Vdd	5V
Supply Current		5 mA
LCD Driving	Vdd-Vo	10.0 V



Pin Assigment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	Power supply
3	Vo	Contrast adjustment
4	/RST	H/L register select
5	D/I	Data / Instruction
6	R/W	Data read / write
7	E1	Enable IC2, segm. 1-64
8	E2	Enable IC3, segm. 65-128
9	CS1L	Chip selection for IC3
10	CS1H	
11	CS2L	Chip selection for IC2
12	CS2H	
13	VEE	Negative voltage output
14	NC	No connection
15 - 22	DB0 - 7	Dat bus 0 ... 7
23	A	Power for B/L (+)
24	K	Power for B/L (GND)