BOLYMIN

BC2004A20c



Feature

1. COB with metal frame
2. 5x7 dots with cursor
3. Built-in controller Philips PCF 2116
4. + 5V single power supply
5. 1/32 duty cycle
6. ***I2C interface***
7. Option: LED backlight



Mechanical Data

Item	Standard Value	Unit
Module Dimension	98.0 x 60.0	mm
Viewing Area	77.0 x 25.2	mm
Dot Size	0.55 x 0.55	mm
Character Size	2.95 x 4.75	mm

Pin Assignment

Pin	Symbol	Function
1	Vdd	5V input for LCM
2	SCL	I^2C interface clock input
3	SDA	I^2C interface data input
4	GND	GND for LCM

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	1.6	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.3	V
LED Forward Voltage (yellow-green)	Vf	25°C	3.2	V
LED Forward Current	If	25°C	60	mA

Dimension

