Tuxgraphics yellow-green LCD display, 16x2 characters
(transflective, STN-positive, with yellow-green LED backlight)

Controller type: HD44780 compatible controller
Interface: 4-bit or 8-bit parallel
Supply voltage: 4.5V (min) to 5.2V (max)   Supply current: ca. 3mA for logic and 10mA for the
                                                                                            backlight.
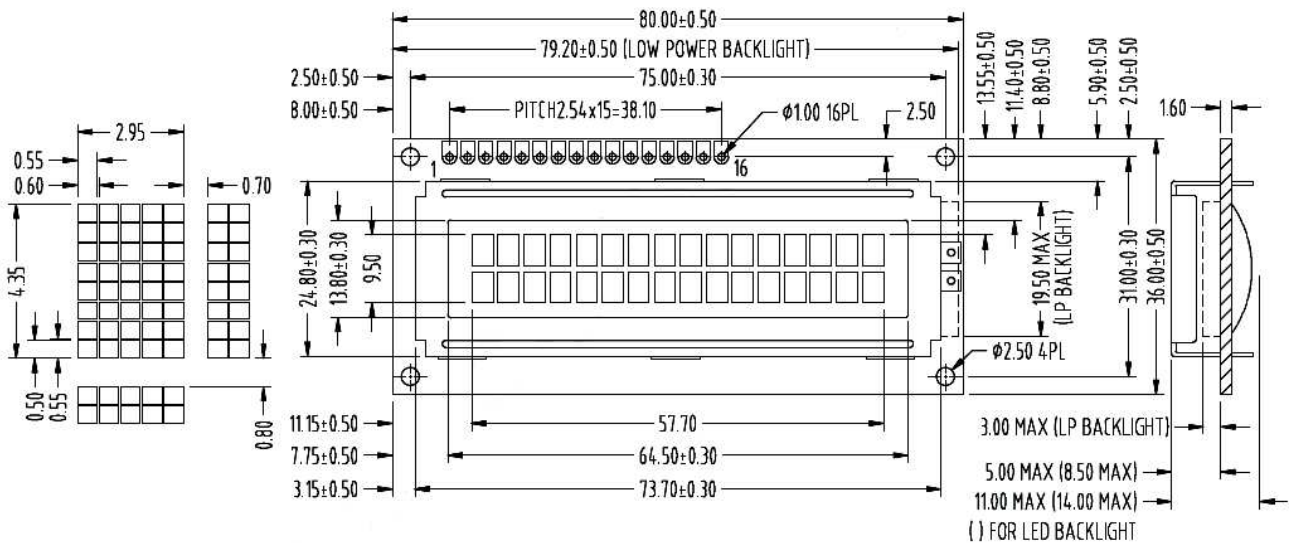Storage temperature: -10 to +60 'C   Operating temperature: 0 to 50 'C
Viewing angle: 6 O'clock

Connector Pin Assignment:

Pin	Symbol	Function	Pin	Symbol	Function
16	LED-	backlight GND	8	DB1	Data Bus Line
15	LED+	backlight +5V	7	DB0	Data Bus Line
14	DB7	Data Bus Line	6	E	Enable
13	DB6	Data Bus Line	5	R/W	Read/Write
12	DB5	Data Bus Line	4	RS	Register select input
11	DB4	Data Bus Line	3	Vcontrast	Contrast (connect to GND for max contrast)
10	DB3	Data Bus Line	2	Vcc +5V	Power supply
9	DB2	Data Bus Line	1	GND (0V)	Power supply

Pin positions and dimensions (in mm)

Pin 1 is on the top left side and pin 16 on the top to the right when display area is facing you.

Double check the polarity of the power supply connection. Incorrect polarity will destroy the display immediately.