BOLYMIN

BO1602B

Feature

1. COG package
2. 5x7 dots with cursor, with icons
3. Built-in controller NT7651
4. + 3.3V single power supply
5. 1/16 duty cycle
6. I2C Series interface

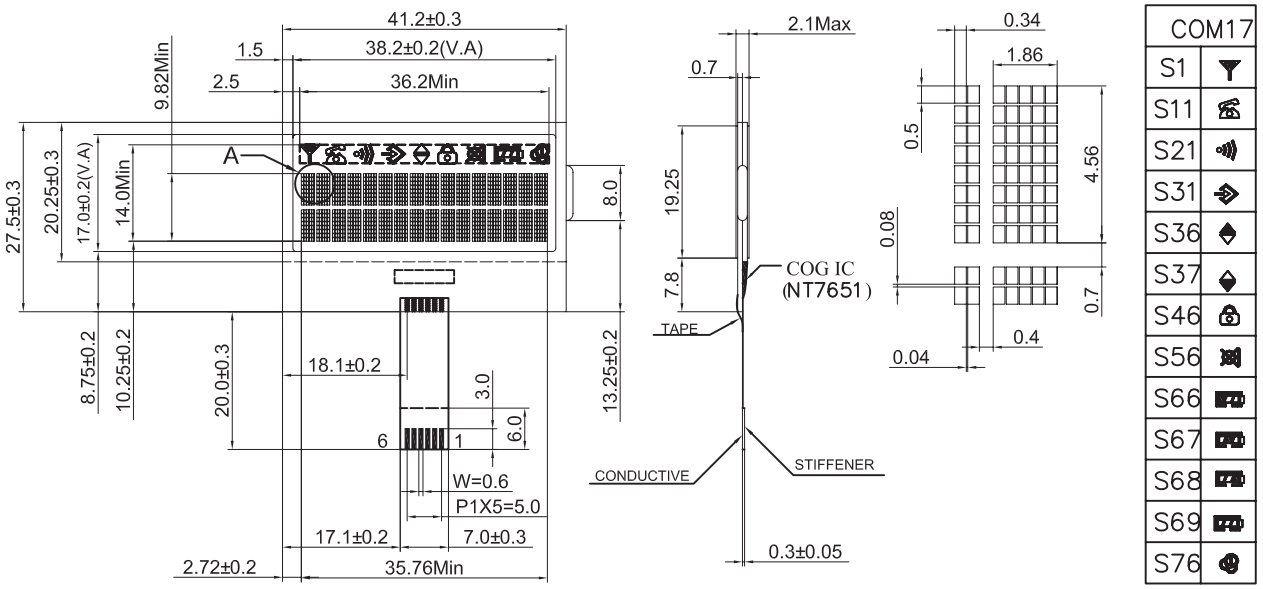
Mechanical Data

Item	Standard Value	Unit
Module Dimension	42.0 x 27.5	mm
Viewing Area	38.0 x 17.0	mm
Dot Size	0.34 x 0.50	mm
Character Size	1.86 x 4.56	mm

Pin Assignment

Pin	Symbol	Function
1	Vlcd	LCD bias voltage (internally generated)
2	Vss	Power supply GND
3	Vdd	Power supply for logic
4	SDA	Serial data input/output
5	POR	External power- on reset
6	SCL	Serial clock input

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	3.0	V
Supply Current	Idd	Vdd = +3V	0.5	mA
LCD Driving Voltage	Vdd-Vo	25°C	4.8	V

Dimension