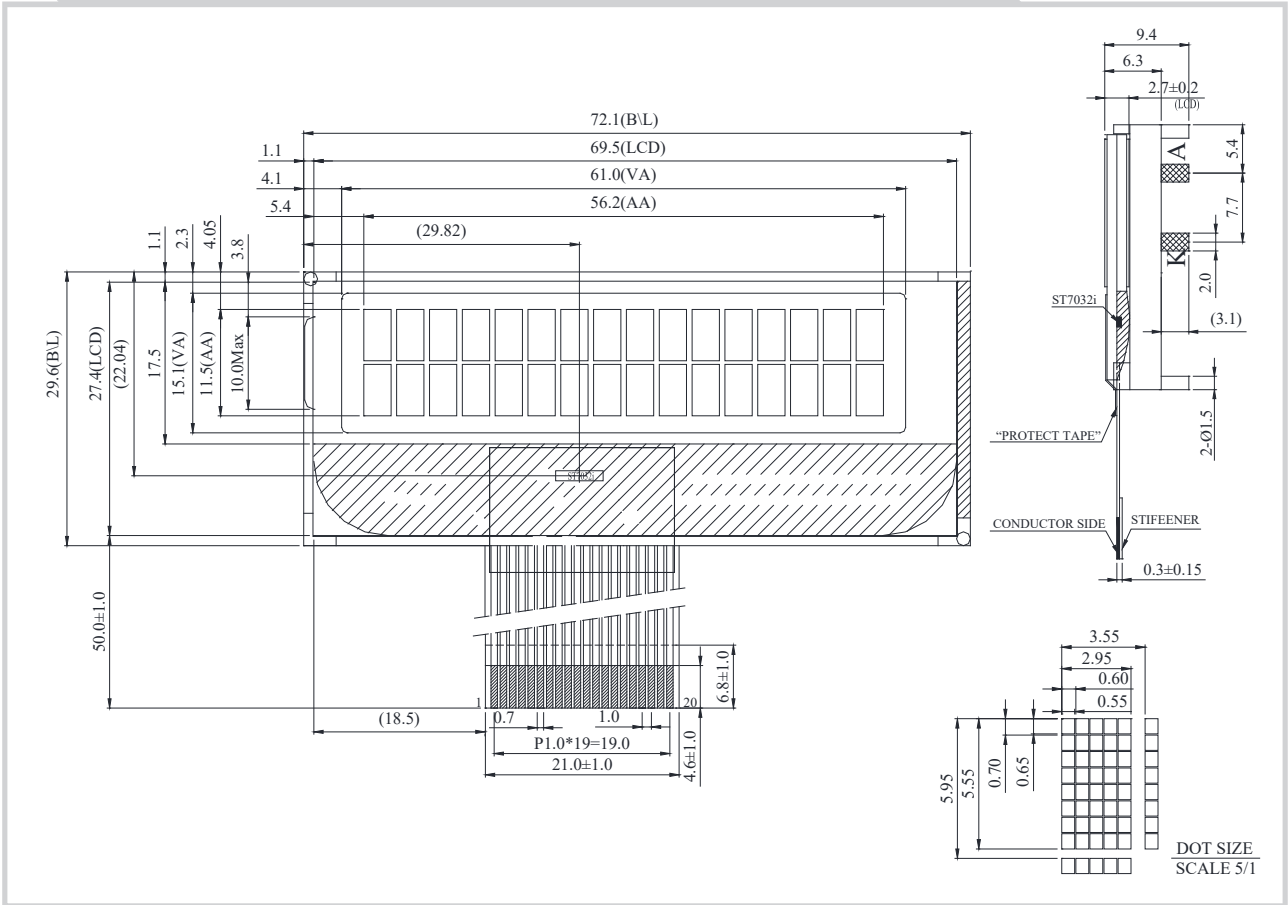


# NT01602F Character 16x2



## Feature

- 1. 1.5x8 dots includes cursor
- 2. Built-in controller ST7032
- 3. 1/16 duty, 1/5 bias
- 4. 5V power supply

Pin No.	Symbol	Description
1	RS	Data/ Instruction select signal
2	R/W	Read/Write select signal
3	E	Enable signal
4	DB0	Data bus line
5	DB1	Data bus line
6	DB2	Data bus line
7	DB3	Data bus line
8	DB4	Data bus line
9	DB5	Data bus line
10	DB6/SCL	Data bus line/Serial clock input
11	DB7/SDA	Data bus line/Serial input data
12	V <sub>SS</sub>	Ground
13	V <sub>DD</sub>	Power supply for logic
14	Vout	Positive Voltage output
15	PSB	Selects the interface type: Serial or Parallel.
16	PSI2B	
17	CAP1P	DC/DC voltage converter.
18	CAP1N	DC/DC voltage converter.
19	NC	No connection
20	NC	No connection

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	72.1 x 29.6	mm
Viewing Area	61.0 x 15.1	mm
Dot Pitch	0.60 x 0.70	mm
Dot Size	0.55 x 0.65	mm

## Electrical Characteristics

Item	Symbol	Standard Value	Unit	
		typ.		
Input Voltage	VDD	3/5	V	
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C		Vo-Vss	4.50	V