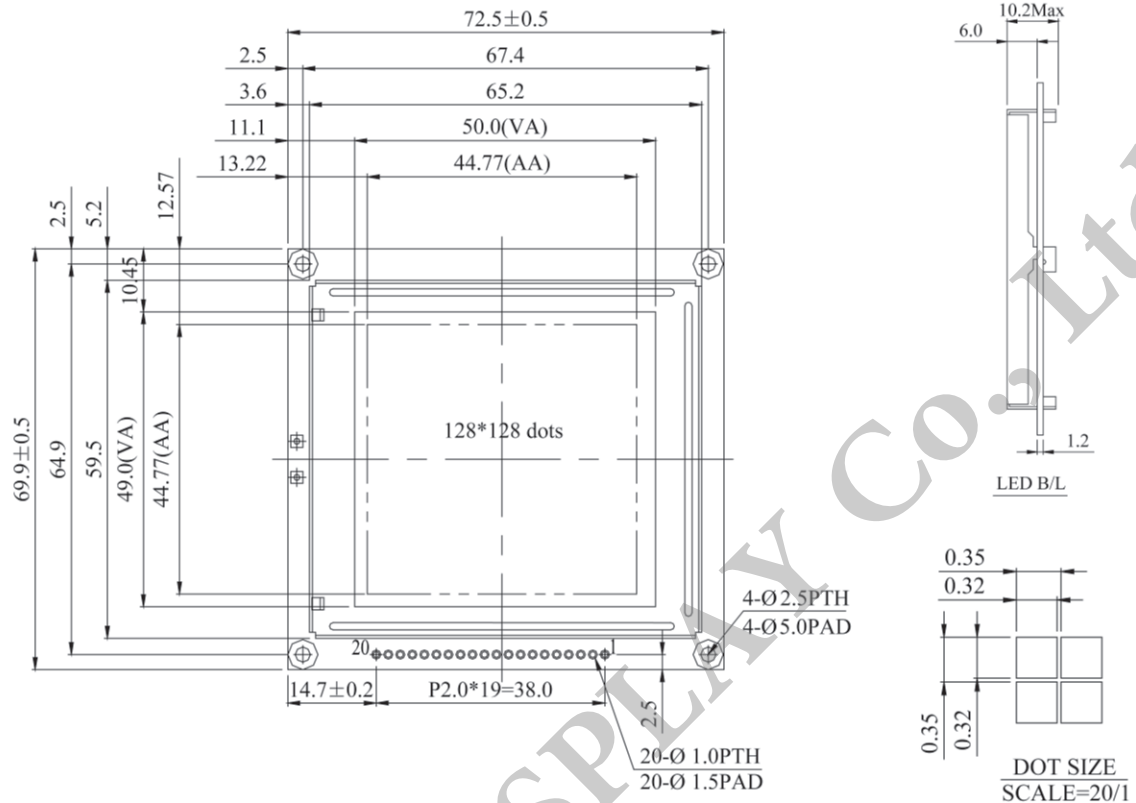


## WG128128I Graphic 128x128 dots



### Feature

1. Built-in controller RA6963
2. 1/128 duty cycle
3. N.V. optional
4. 5V power supply
5. Same size with WG128128B

| Pin No. | Symbol          | Description                                |
|---------|-----------------|--------------------------------------------|
| 1       | DB0             | Data bus line                              |
| 2       | DB1             | Data bus line                              |
| 3       | DB2             | Data bus line                              |
| 4       | DB3             | Data bus line                              |
| 5       | DB4             | Data bus line                              |
| 6       | DB5             | Data bus line                              |
| 7       | DB6             | Data bus line                              |
| 8       | DB7             | Data bus line                              |
| 9       | C/D             | Data/ Instruction select signal            |
| 10      | /RD             | Data read. Read data from LCD Controller   |
| 11      | /WR             | Data write. Write data into LCD Controller |
| 12      | /CE             | Enable signal                              |
| 13      | /RST            | Controller reset signal, Active Low        |
| 14      | V <sub>O</sub>  | Contrast Adjustment                        |
| 15      | V <sub>DD</sub> | Power supply for logic                     |
| 16      | V <sub>SS</sub> | Ground                                     |
| 17      | V <sub>EE</sub> | Negative Voltage Output                    |
| 18      | NC/FS           | No connection                              |
| 19      | A               | Power supply for B/L +                     |
| 20      | K               | Power supply for B/L -                     |

### Mechanical Data

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 72.5 x 69.9    | mm   |
| Viewing Area     | 50.0 x 49.0    | mm   |
| Mounting Hole    | 67.4 x 64.9    | mm   |
| Dot Pitch        | 0.35 x 0.32    | mm   |
| Dot Size         | 0.32 x 0.32    | mm   |

### Electrical Characteristics

| Item                                                                  | Symbol | Standard Value | Unit |
|-----------------------------------------------------------------------|--------|----------------|------|
|                                                                       |        | typ.           |      |
| Input Voltage                                                         | VDD    | 5.0            | V    |
| Recommended LCD Driving Voltage for Normal Temp. Version module @25°C | VDD-VO | 16.30          | V    |