



OF032AAN

## ◎ Feature

| Item           | Info.     |
|----------------|-----------|
| Resolution     | 240*320   |
| Power supply   | 2.8V      |
| Interface      | MCU-16bit |
| IC             | ST7789    |
| View Direction | ALL       |
| Touch Panel    | -         |

## ◎ Mechanical Data (unit: mm)

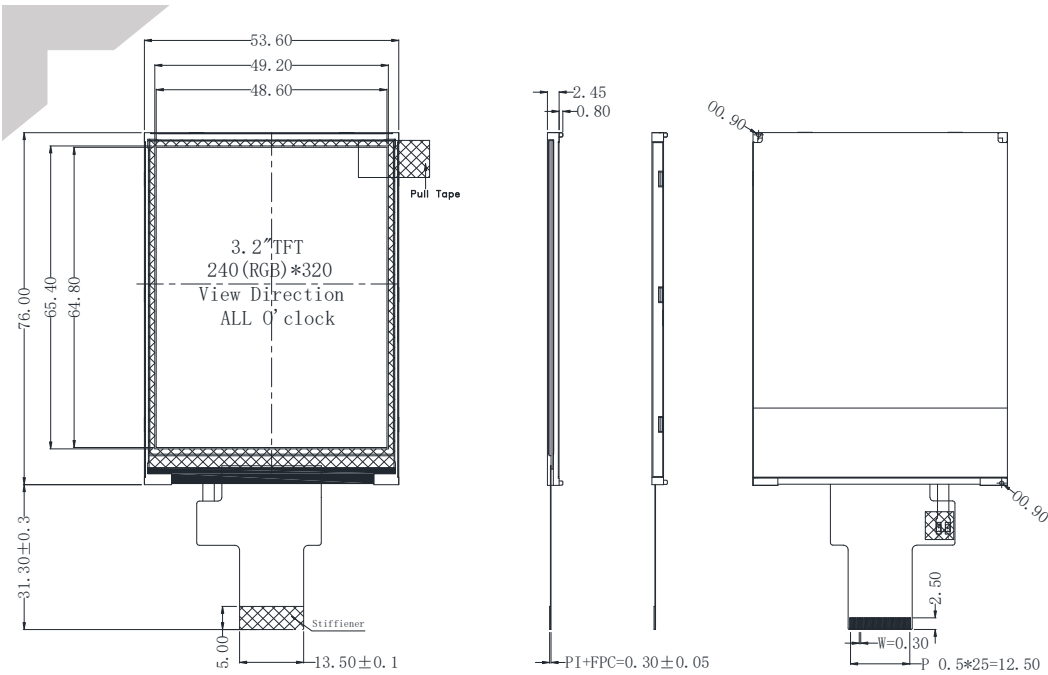
| Item             | Dimension       |
|------------------|-----------------|
| Module dimension | 53.6 x 76.0     |
| View area        | 49.2 x 65.4     |
| Active area      | 48.6 x 64.80    |
| Pixel size       | 0.2025 x 0.2025 |

## ◎ Electrical Characteristics (unit: V)

| Item                  | Min | Typ | Max |
|-----------------------|-----|-----|-----|
| Supply Voltage (VDD)  | 2.5 | 2.8 | 3.3 |
| Voltage for Backlight | -   | 3.2 | -   |

## ◎ Temperature Range (unit: °C)

| Item            | Min | Typ | Max |
|-----------------|-----|-----|-----|
| Operating Temp. | -20 |     | 70  |
| Storage Temp.   | -30 |     | 80  |



MCU Parallel Interface

| PIN | SYMBOL |
|-----|--------|
| 1   | LEDK   |
| 2   | LEDA   |
| 3   | DB15   |
| 4   | DB14   |
| 5   | DB13   |
| 6   | DB12   |
| 7   | DB11   |
| 8   | DB10   |
| 9   | DB9    |
| 10  | DB8    |
| 11  | DB7    |
| 12  | DB6    |
| 13  | DB5    |
| 14  | DB4    |
| 15  | DB3    |
| 16  | DB2    |
| 17  | DB1    |
| 18  | DB0    |
| 19  | RD     |
| 20  | WR     |
| 21  | D/C    |
| 22  | CS     |
| 23  | RESET  |
| 24  | IMO    |
| 25  | VCC    |
| 26  | GND    |