

**Product NO. : MFR035E-IQA**

### Information

| Item                      | Dimension                                   |
|---------------------------|---|
| Size                      | 3.5 inch                                    |
| TFT Model                 | a-Si TFT, Normally Black , Transmissive     |
| Resolution                | 320RGB*240                                  |
| Dot Pitch                 | 0.219*0.219 (mm)                            |
| Active Area               | 70.08W*52.56H (mm)                          |
| Outline Dimension         | 76.9W*63.9H*3.2D (mm)                       |
| Good Viewing Angle        | Free  |
| Aspect Ratio              | Landscape                                   |
| Backlight Type/Brightness | LED, Normally White , 1200cd/m <sup>2</sup> |
| Interface                 | RGB   |
| With /Without TP          | Without TP                                  |

### Electrical characteristics

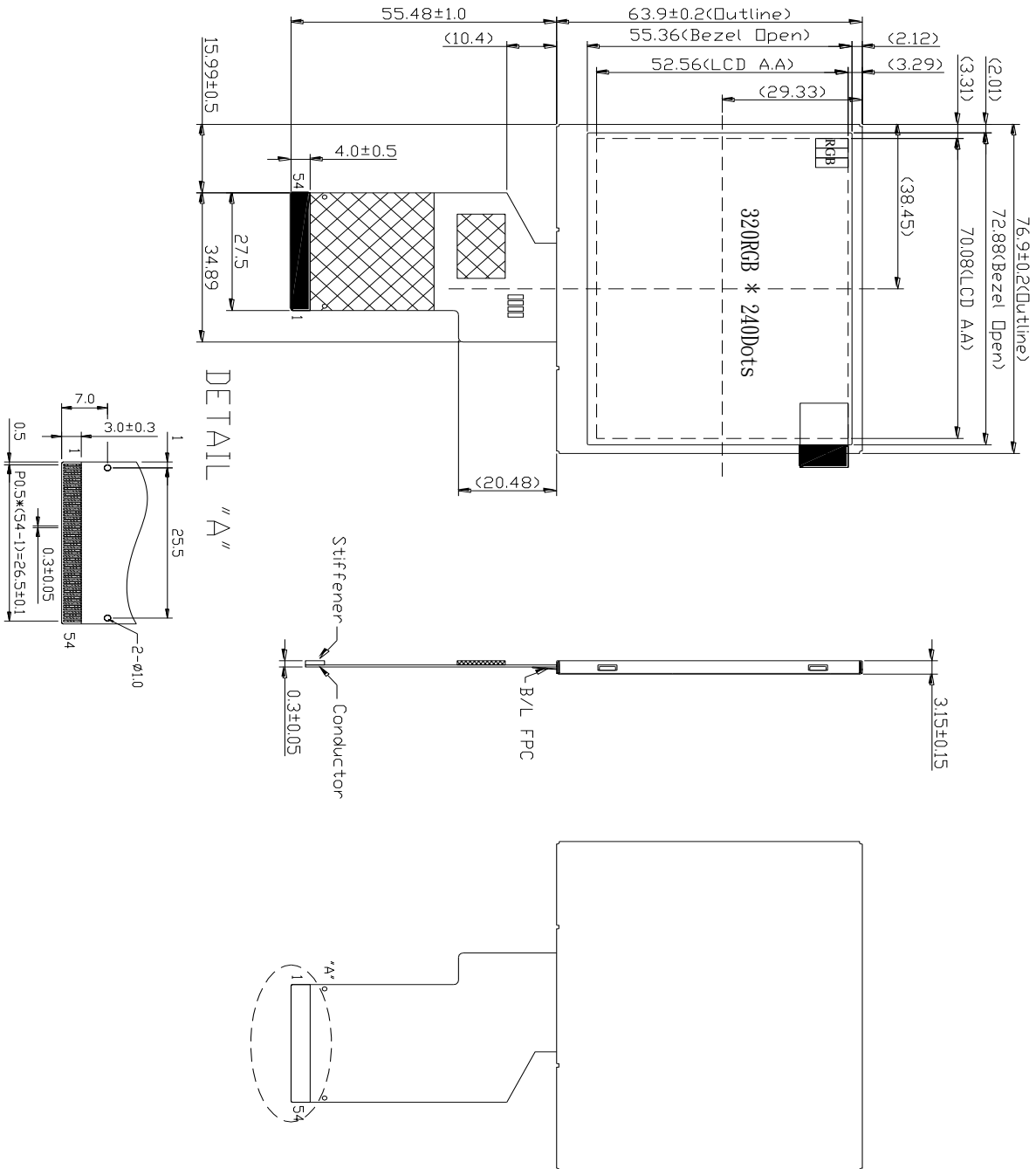
| Item               | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|--------|------|------|------|------|
| Power voltage(LCM) | VCC    | 3    | 3.3  | 3.6  | V    |
| Power voltage(TP)  |        |      |      |      |      |
|                    |        |      |      |      |      |

### Interface

| NO    | Symbol |
|-------|--------|
| 1~2   | LEDK   |
| 3~4   | LEDA   |
| 5     | NC(YU) |
| 6     | NC(XR) |
| 7     | NC     |
| 8     | /RESET |
| 9     | SPENA  |
| 10    | SPCLK  |
| 11    | SPDAT  |
| 12~19 | B0~B7  |
| 20~27 | G0~G7  |
| 28~35 | R0~R7  |
| 36    | HSYNC  |
| 37    | VSYNC  |
| 38    | DCLK   |
| 39    | NC     |
| 40    | VCCIO  |
| 30    | VCC    |
| 31    | NC(YD) |
| 32    | NC(XL) |

| NO    | Symbol |
|-------|--------|
| 45~51 | NC     |
| 52    | DEN    |
| 53    | GND    |
| 54    | GND    |

### Outline dimension



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