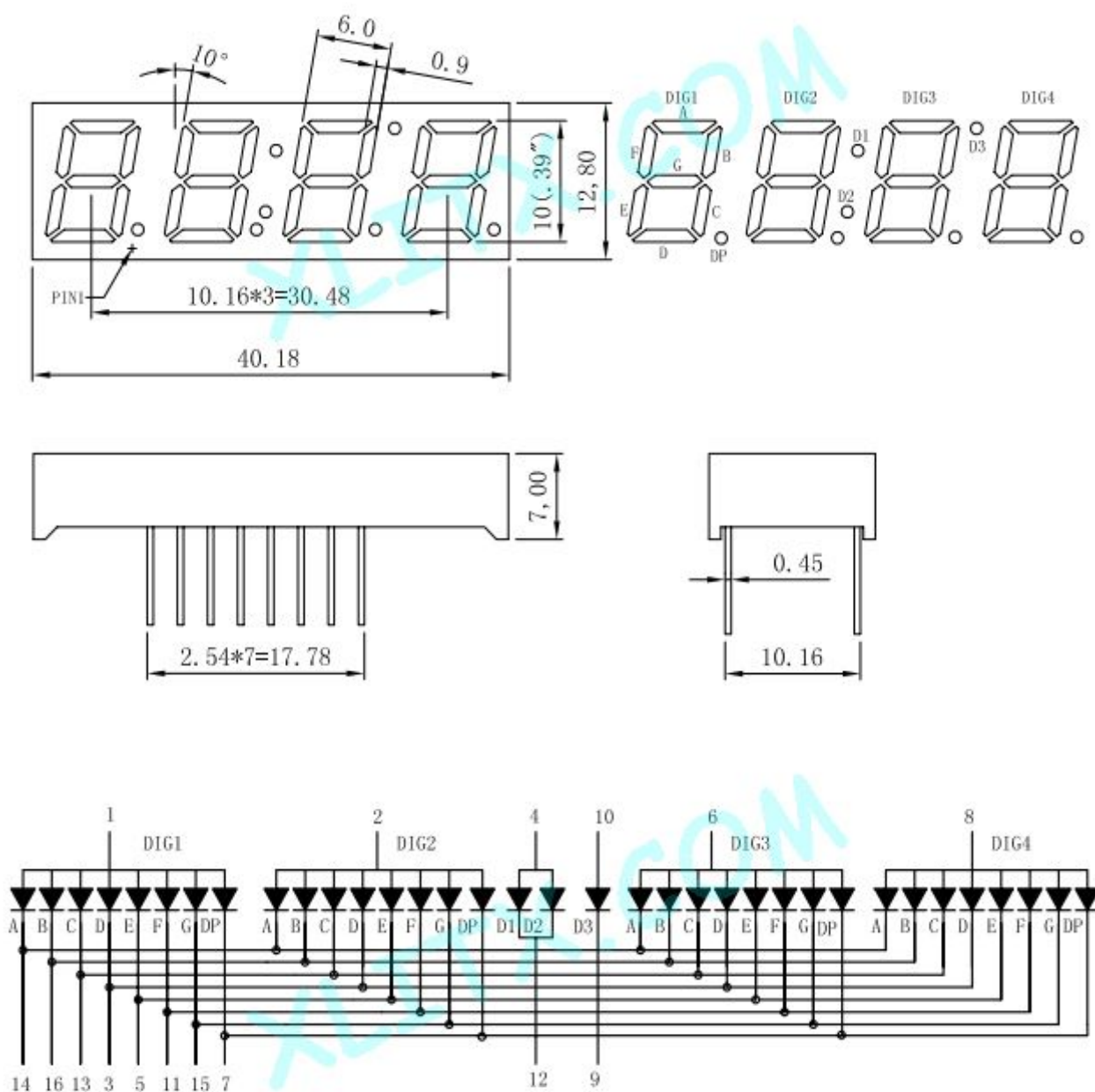




**Model :** 3942BB  
**Size :** 0.39-inch  
**Emitting color :** Blue  
**Mode :** Common-Anode (CA)  
**Digit :** 4-Digit  
**Category :** LED 7-Segment Display  
**Maker :** XLITX Technology

**Prices :** \$1.05 = 100 Pieces    \$0.72 = 500 Pieces    \$0.70 = 1000 Pieces    (Free shipping)

## Dimension & Diagram



## Blue Electro-Optical Parameter

### 1. Electro-Optical Characteristics(Ta=25℃)

| PARAMETER                                                     | SYMBOL      | DEVICES<br>( Blue ) |     | UNIT    | TEST CONDIONS |
|---------------------------------------------------------------|-------------|---------------------|-----|---------|---------------|
|                                                               |             | TYP                 | MAX |         |               |
| Peak Emission Wavelengrth                                     | $\lambda_p$ | 470                 |     | nm      | IF=10mA       |
| Forward Voltage                                               | VF          | 3.5                 |     | V       | IF=10mA       |
| Reverse Current                                               | IR          |                     | 50  | $\mu$ A | VR=5V         |
| Segment To Segment (Dot To Dot)<br>Luminonous Intensity Ratio | IV-M        | 1.5:1               |     |         | IF=20         |

### 2. Absolute Maximun Ratings(Ta=25℃)

| PARAMETER                                                | SYMBOL | DEVICES<br>( Blue )                                   | UNIT |
|----------------------------------------------------------|--------|-------------------------------------------------------|------|
| Power Dissipation Per Dice                               | pad    | 70                                                    | mw   |
| Derating Linear From 25℃ Per Dice                        |        | 0.27                                                  | mA/℃ |
| Continuous Forward Current Per Dice                      | Iaf    | 30                                                    | mA   |
| Peak Forward Ourrent Per Dice<br>(Duty Cycle 1/10,10KHz) | Ipf    | 100                                                   | mA   |
| Reverse Voltage Per Dice                                 | Vr     | 5                                                     | V    |
| Operating Temperature                                    | Topr   | -20℃ (to) +75℃                                        |      |
| Storage Temperature                                      | Tstg   | -20℃ (to) +85℃                                        |      |
| Solder Temperature                                       |        | 1.6 Inch Below Seating Place for<br>5 seconds at 230℃ |      |

### 3. Electro-Optical Curve

