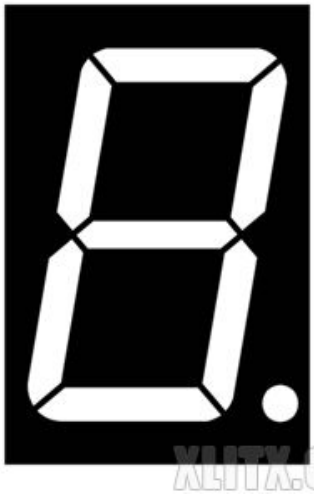
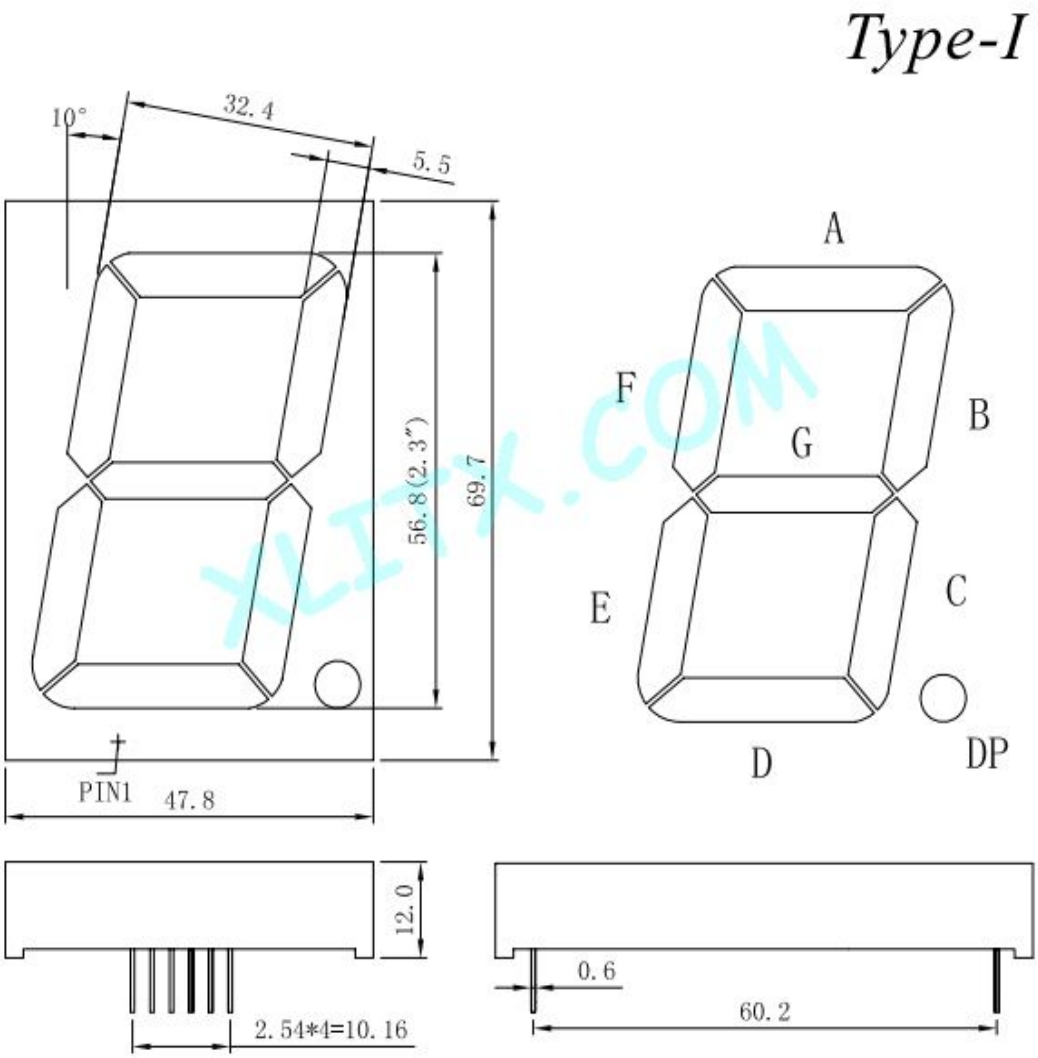
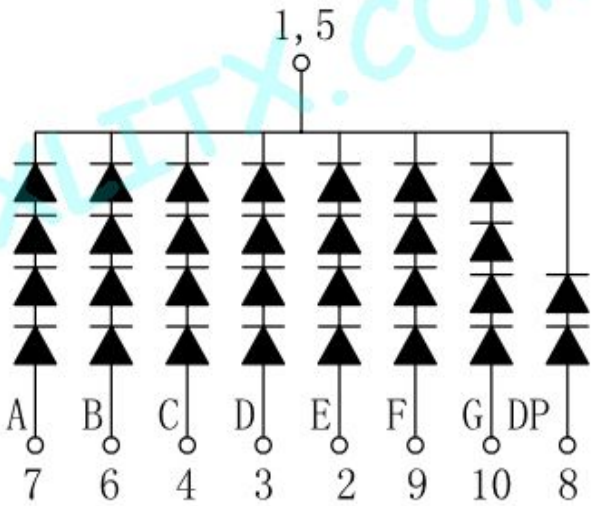



| | |
|---|---|
| **Model :** | 23101AS |
| **Size :** | 2.30-inch |
| **Emitting color :** | Red (Ultra-Bright ) |
| **Mode :** | Common-Cathode (CC) |
| **Digit :** | 1-Digit |
| **Category :** | LED 7-Segment Display |
| **Maker :** | XLITX Technology |

**Prices :** $3.55 = 20 Pieces $1.52 = 100 Pieces $1.38 = 300 Pieces (Free shipping)

**Dimension & Diagram**

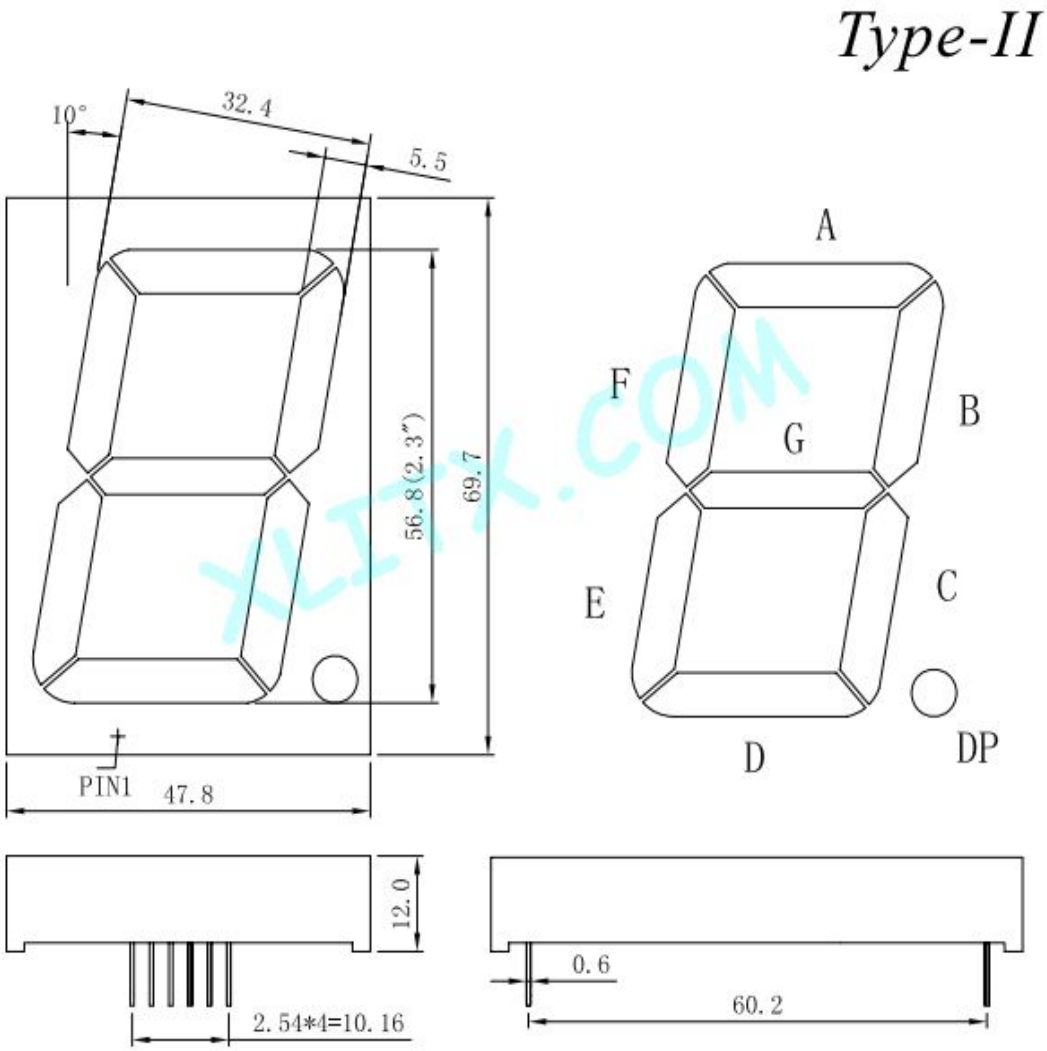


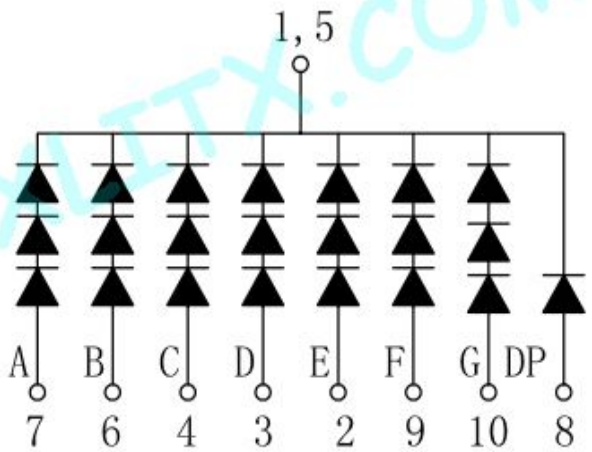





Contact Email HF@xlitx.com

**Dimension & Diagram**





Contact Email HF@xlitx.com

## Ultra-Bright Red Electro-Optical Parameter

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

| PARAMETER | SYMBOL | DEVICES ( ULTRA-BRIGHT RED ) | | UNIT | TEST CONDIONS |
|---|---|---|---|---|---|
| | | TYP | MAX | | |
| Peak Emission Wavelengrth | λp | 640 | | nm | IF=10mA |
| Forward Voltage | VF | 1.8 | | V | IF=10mA |
| Reverse Current | IR | | 50 | μA | VR=5V |
| Segment To Segment (Dot To Dot) Luminonous Intensity Ratio | IV-M | 1.5:1 | | | IF=20 |

2. Absolute Maximun Ratings(Ta=25℃)

| PARAMETER | SYMBOL | DEVICES ( ULTRA-BRIGHT RED ) | UNIT |
|---|---|---|---|
| Power Dissipation Per Dice | pad | 100 | mw |
| Derating Linear From 25℃ Per Dice | | 0.5 | mA/℃ |
| Continuous Forward Current Per Dice | laf | 30 | mA |
| Peak Forward Ourrent Per Dice (Duty Cycle 1/10,10KHz) | lpf | 200 | 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 5 seconds at 230℃ | |


Contact Email HF@xlitx.com

3. Electro-Optical Curve

