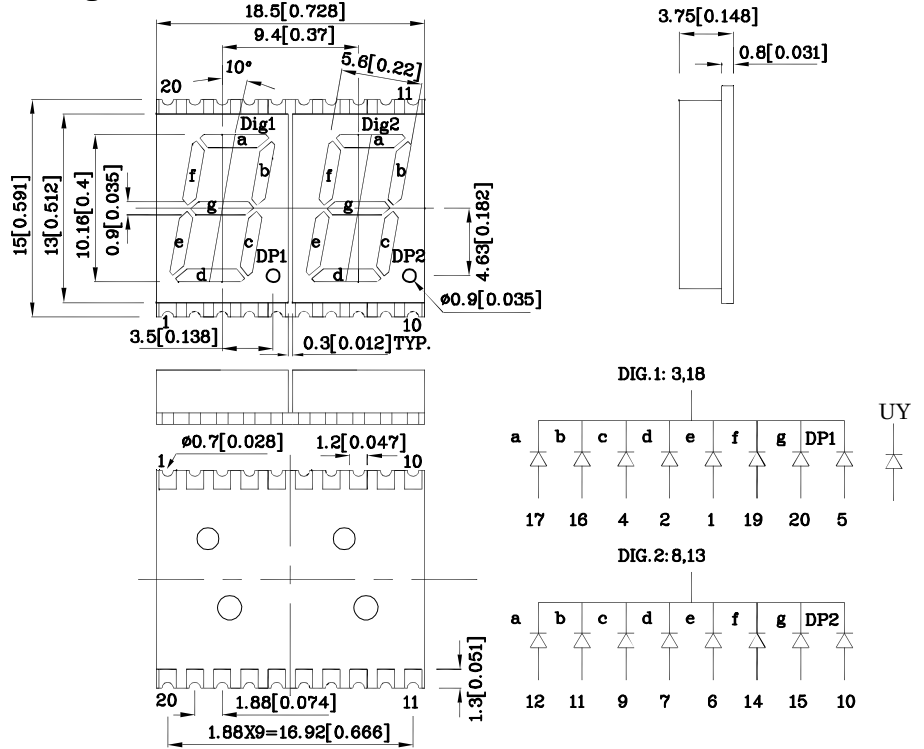


Features

- 0.4 inch digit height
- Robust package
- Low power consumption
- Standard configuration: Gray face w/ white segments
- Package: 250pcs/Reel
- Moisture sensitivity level: level 2a
- RoHS Compliant



Package Schematics



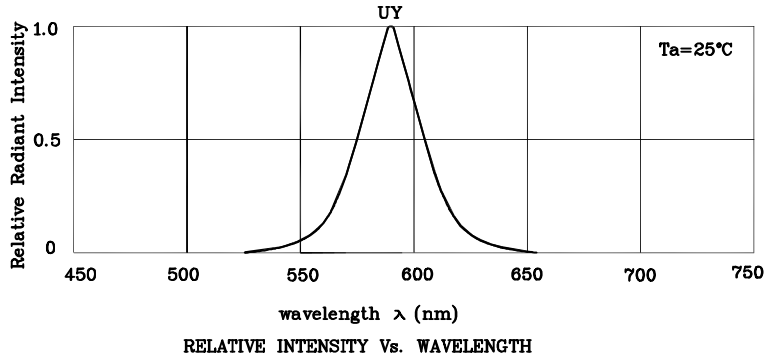
Notes:

1. All dimensions are in millimeters (inches), Tolerance is ±0.25(0.01") unless otherwise noted.
2. Specifications are subject to change without notice.
3. The gap between the reflector and PCB shall not exceed 0.25mm.

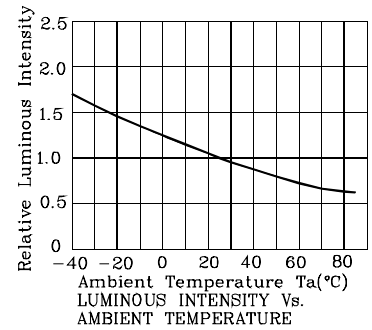
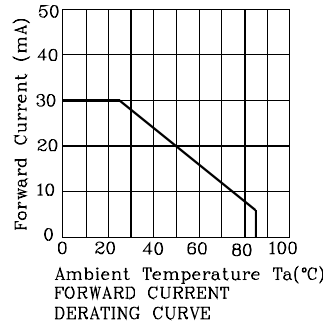
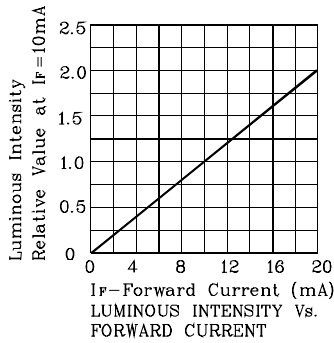
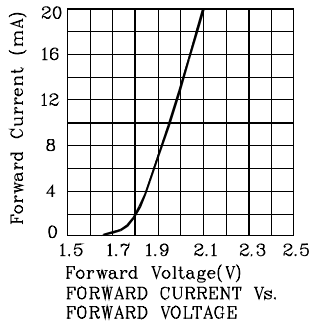
| Absolute Maximum Ratings (T _A =25°C) | | UY (GaAsP/GaP) | Unit |
|--|------------------|----------------|------|
| Reverse Voltage | V _R | 5 | V |
| Forward Current | I _F | 30 | mA |
| Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width | i _{FS} | 140 | mA |
| Power Dissipation | P _D | 75 | mW |
| Operating Temperature | T _A | -40 ~ +85 | °C |
| Storage Temperature | T _{stg} | -40 ~ +85 | |

| Operating Characteristics (T _A =25°C) | | UY (GaAsP/GaP) | Unit |
|--|----------------|----------------|------|
| Forward Voltage (Typ.) (I _F =10mA) | V _F | 1.95 | V |
| Forward Voltage (Max.) (I _F =10mA) | V _F | 2.5 | V |
| Reverse Current (Max.) (V _R =5V) | I _R | 10 | uA |
| Wavelength of Peak Emission (Typ.) (I _F =10mA) | λ _P | 590 | nm |
| Wavelength of Dominant Emission (Typ.) (I _F =10mA) | λ _D | 588 | nm |
| Spectral Line Full Width At Half-Maximum (Typ.) (I _F =10mA) | Δλ | 35 | nm |
| Capacitance (Typ.) (V _F =0V, f=1MHz) | C | 20 | pF |

| Part Number | Emitting Color | Emitting Material | Luminous Intensity (I _F =10mA) ucd | | Wavelength nm λP | Description |
|-------------|----------------|-------------------|---|------|------------------|----------------------------------|
| | | | min. | typ. | | |
| XZFU10C2 | Yellow | GaAsP/GaP | 1400 | 2990 | 590 | Common Cathode, Rt. Hand Decimal |

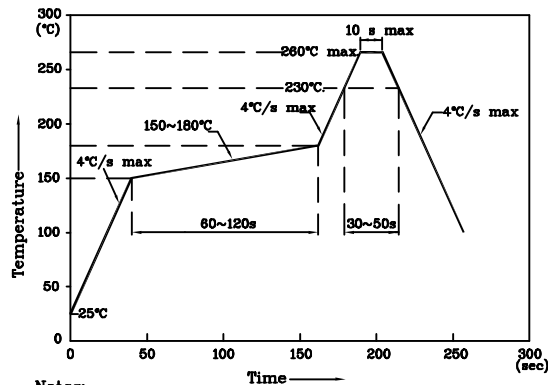


❖ UY



LED is recommended for reflow soldering and soldering profile is shown below.

Reflow Soldering Profile for SMD Products (Pb-Free Components)

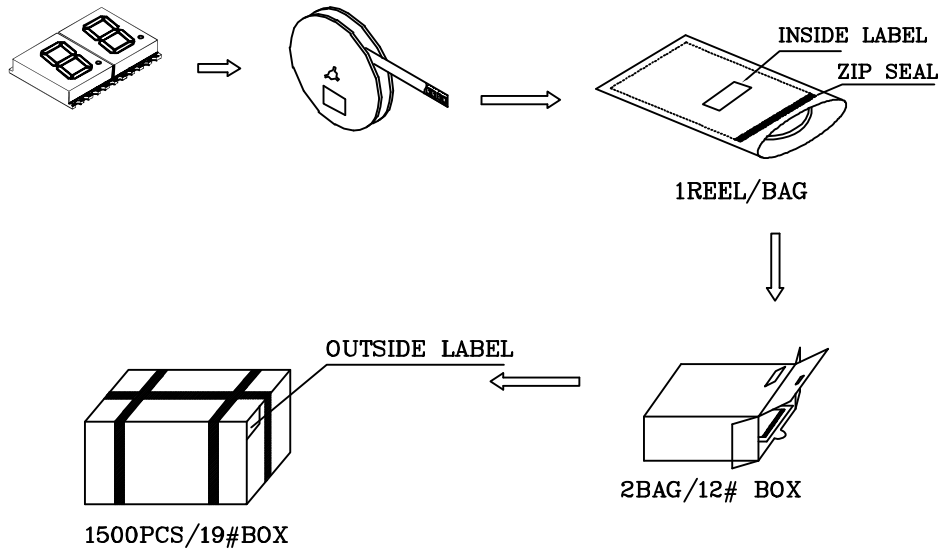


Notes:

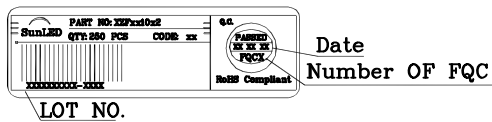
1. Maximum soldering temperature should not exceed 280°C
2. Recommended reflow temperature: 145°C-260°C
3. Do not put stress to the epoxy resin during high temperatures conditions



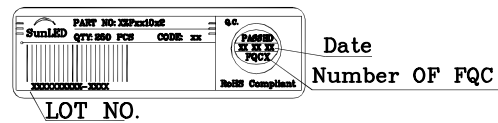
PACKING & LABEL SPECIFICATIONS



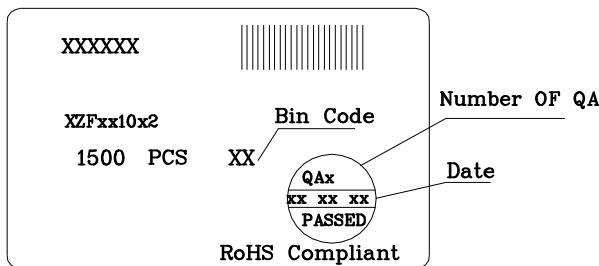
Inside Label On tape



Outside Label On Bag



Outside Label On 19#Box



Outside Label On 12#Box

