

SURFACE MOUNT DISPLAY

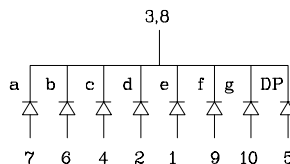
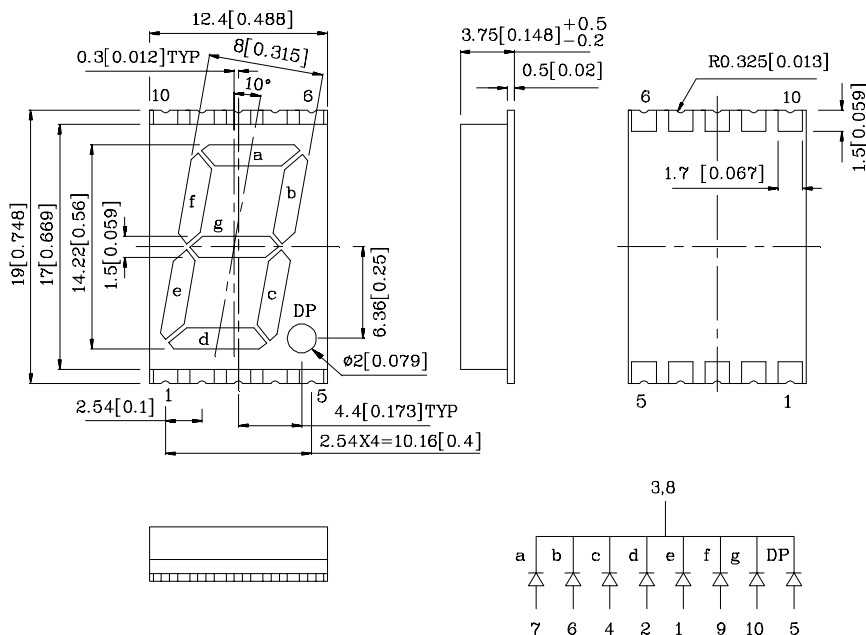
XZDUY14C



SUN LED

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Notes:

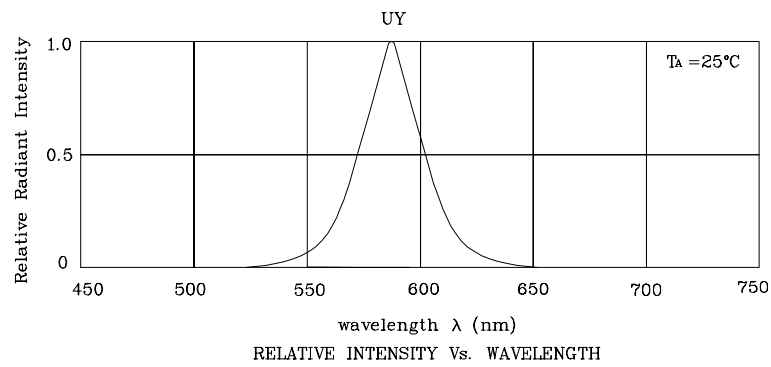
1. All dimensions are in millimeters (inches).
2. Tolerance is ± 0.25 (0.01") unless otherwise noted.

| 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) 1/10Duty cycle 0.1ms pulse width | i _{FS} | 140 | mA |
| Power dissipation | P _T | 105 | mW |
| Operating temperature | T _A | -40 ~ +85 | °C |
| Storage temperature | T _{stg} | | |

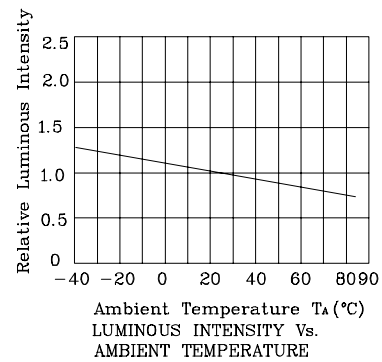
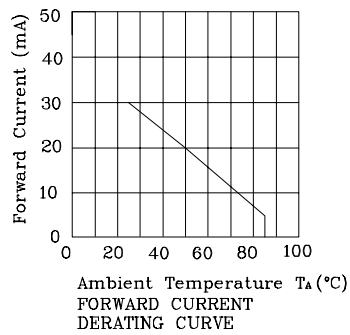
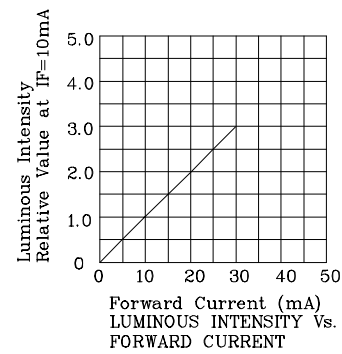
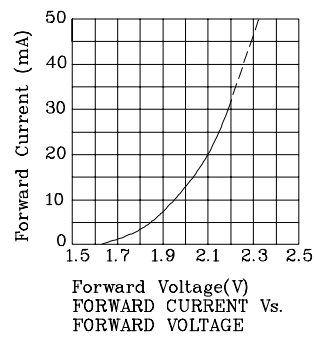
| Operating Characteristics (T _A =25°C) | | UY (GaAsP/GaP) | Unit |
|--|-------------------|-------------------|------|
| Forward voltage (typ.) (I _F =10mA) | V _F | 1.95 | V |
| Forward voltage (max.) (I _F =10mA) | V _F | 2.5 | V |
| Reverse current (V _R =5V) | I _R | 10 | uA |
| Wavelength at peak emission (I _F =10mA) | λ _{peak} | 590 | nm |
| Wavelength at Dominate emission (I _F =10mA) | λ _D | 588 | nm |
| Spectral Line half-width (I _F =10mA) | Δλ | 35 | nm |
| Capacitance (V _F =0V, f=1MHz) | C | 20 | pF |

| Part Number | Emitting Color | Emitting Material | Luminous Intensity (I _F =10mA) ucd | | Wavelength nm λ _P | Description |
|----------------|-------------------|----------------------|--|------|------------------------------------|--------------------------------|
| | | | min. | typ. | | |
| XZDUY14C | Yellow | GaAsP/GaP | 1900 | 4900 | 590 | Common Cathode,Rt.Hand Decimal |

XZDUY14C

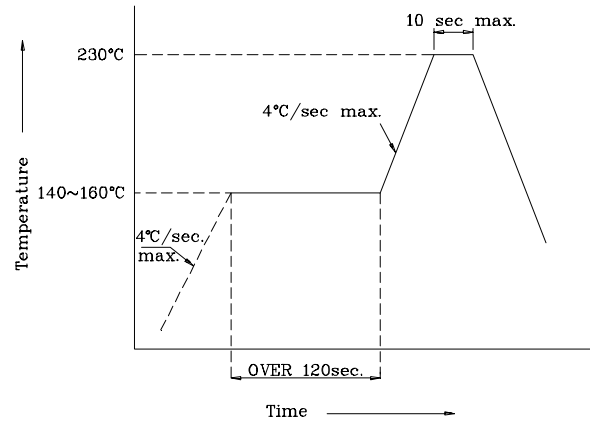


❖UY

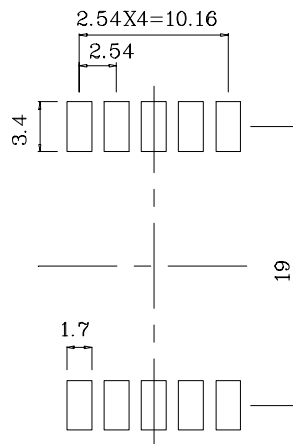


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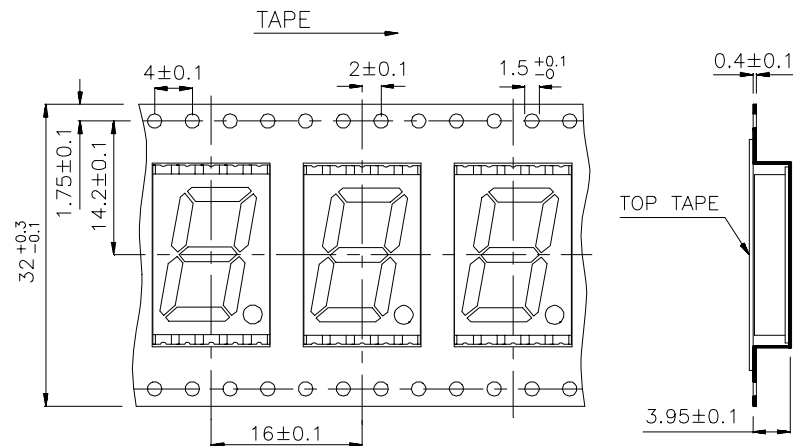
❖SMT Reflow Soldering Instructions



❖Recommended Soldering Pattern (Units : mm, Tolerance : ± 0.15)



❖Tape Specification (Units : mm)



PACKAGE: 800PCS/REEL