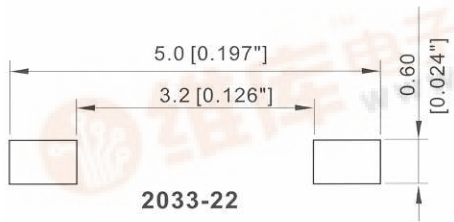


# MINI TYPE LED LAMPS

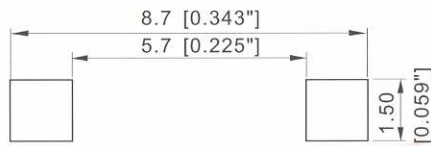
小型化發光二極體指示  
 查詢BZW04-11B供應商



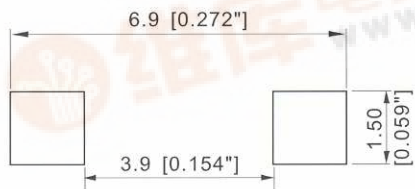
## Recommended Soldering Pattern For Reflow Soldering



2033-22



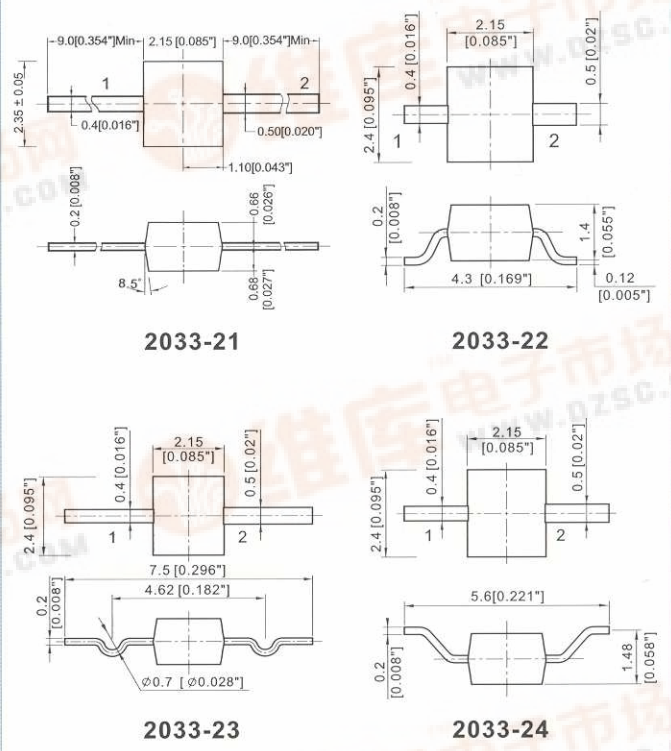
2033-23



2033-24

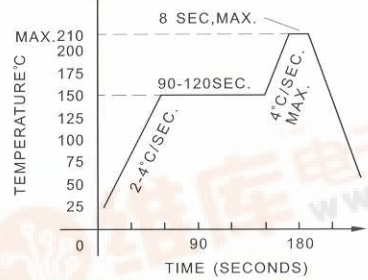
捷多邦, 专业PCB打样工厂, 24小时加急

## Package Outline Drawing



NOTES 1. All dimensions are in millimeters (inches);  
 2. Tolerances are  $\pm 0.1$  mm (0.004inch) unless otherwise noted;  
 3. Resin color: water clear.

## Recommended Reflow Soldering Profile.



## Axial Flat Top LEDs

| Part Number          | Raw Material | Wave Length $\lambda$ D(nm) | Emitting color | Lens Type   | Vf(V) Typ | Iv(mcd) Typ | Viewing angle $2\theta_{1/2}(\circ)$ |
|----------------------|--------------|-----------------------------|----------------|-------------|-----------|-------------|--------------------------------------|
|                      |              |                             |                |             | At 20mA   |             |                                      |
| RF-RS2033TS-(21-24)E | GaAlAs       | 645                         | Red            | Water Clear | 1.8       | 15          | 135                                  |
| RF-RU2033TP-(21-24)E | AlGaInP      | 630                         | Red            | Water Clear | 2.0       | 35          | 135                                  |
| RF-OU2033TP-(21-24)E | AlGaInP      | 620                         | Orange         | Water Clear | 2.0       | 45          | 135                                  |
| RF-YU2033TP-(21-24)E | AlGaInP      | 587                         | Yellow         | Water Clear | 2.0       | 45          | 135                                  |
| RF-YG2033TP-(21-24)E | GaP          | 570                         | Yellow Green   | Water Clear | 2.3       | 12          | 135                                  |
| RF-GP2033TP-(21-24)E | AllnGaIn     | 525                         | Green          | Water Clear | 3.3       | 120         | 135                                  |
| RF-BN2033TP-(21-24)E | AllnGaIn     | 470                         | Blue           | Water Clear | 3.3       | 36          | 135                                  |
| RF-WN2033TP-(21-24)E | AllnGaIn     |                             | White          | diffused    | 3.3       | 80          | 135                                  |