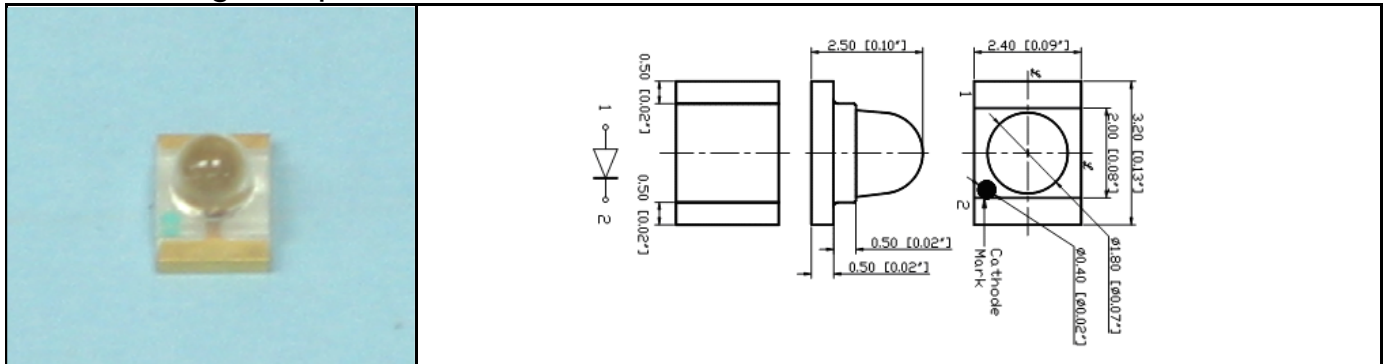


# YETDA PCB TYPE SMD LED

| Part Number | Chip     |               |                     | Lens Color | V <sub>F</sub> (V) at I <sub>F</sub> =20mA |      | I <sub>v</sub> (mcd)  |      |      | Viewing Angle<br>2θ 1/2<br>(deg.) |
|-------------|----------|---------------|---------------------|------------|--|------|-----------------------|------|------|-----------------------------------|
|             | Material | Emitter Color | λ <sub>D</sub> (nm) |            | Typ.                                       | Max. | at I <sub>F</sub> =mA | Min. | Typ. |                                   |

## 1209 Package Chip LED With Φ1.8mm Lens

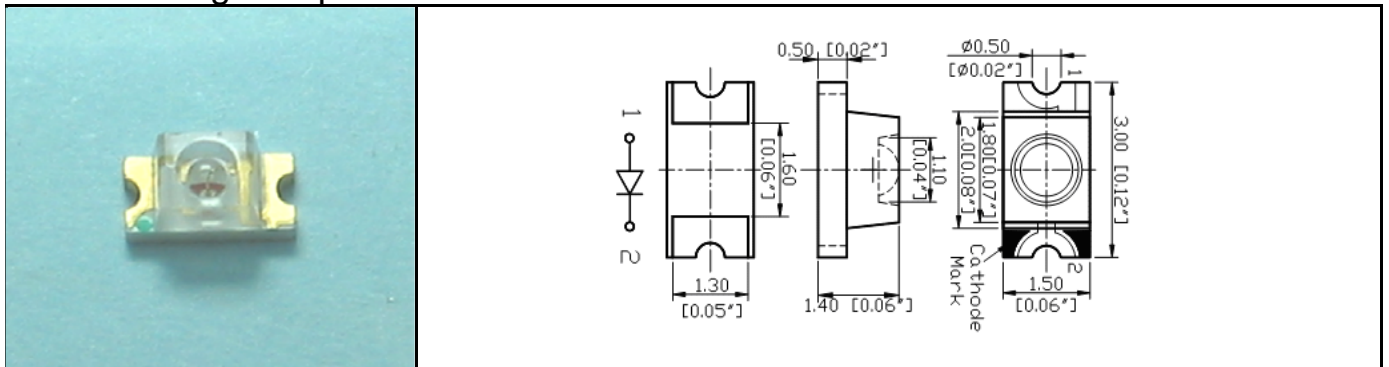
UNIT:mm



|          |             |              |                  |             |     |     |    |      |      |    |
|----------|-------------|--------------|------------------|-------------|-----|-----|----|------|------|----|
| 133SR4   | AlGaAs/GaAs | Red          | 660              | Water Clear | 1.8 | 2.0 | 20 | 100  | 150  | 30 |
| 133YG4   | GaP         | Yellow Green | 573              |             | 2.2 | 2.6 |    | 80   | 120  |    |
| 133Y4    | GaAsP/GaP   | Yellow       | 590              |             | 2.1 | 2.6 |    | 80   | 120  |    |
| 133A4    | GaAsP/GaP   | Amber        | 606              |             | 2.1 | 2.6 |    | 100  | 150  |    |
| Q133R4   | AlGaInP     | Red          | 625              |             | 2.0 | 2.4 |    | 400  | 600  |    |
| Q133A4   | AlGaInP     | Amber        | 606              |             | 2.0 | 2.4 |    | 300  | 500  |    |
| Q133Y4   | AlGaInP     | Yellow       | 590              |             | 2.0 | 2.4 |    | 300  | 500  |    |
| Q133YG4  | AlGaInP     | Yellow Green | 573              |             | 2.0 | 2.4 |    | 300  | 500  |    |
| S133ANB4 | InGaN       | Blue         | 470              |             | 3.2 | 3.8 |    | 500  | 800  |    |
| S133ANG4 | InGaN       | Pure Green   | 525              |             | 3.2 | 3.8 |    | 700  | 1000 |    |
| S133ANW4 | InGaN       | White        | X:0.29<br>Y:0.30 |             | 3.2 | 3.8 |    | 1000 | 1500 |    |

## 1206 Package Chip LED With Inner Lens

UNIT:mm



|          |             |              |                  |             |     |     |    |     |      |    |
|----------|-------------|--------------|------------------|-------------|-----|-----|----|-----|------|----|
| 350SR4   | AlGaAs/GaAs | Red          | 660              | Water Clear | 1.8 | 2.0 | 20 | 75  | 113  | 30 |
| 350YG4   | GaP         | Yellow Green | 573              |             | 2.2 | 2.6 |    | 60  | 90   |    |
| 350Y4    | GaAsP/GaP   | Yellow       | 590              |             | 2.1 | 2.6 |    | 40  | 60   |    |
| 350A4    | GaAsP/GaP   | Amber        | 606              |             | 2.1 | 2.6 |    | 40  | 60   |    |
| Q350R4   | AlGaInP     | Red          | 625              |             | 2.0 | 2.4 |    | 300 | 500  |    |
| Q350A4   | AlGaInP     | Amber        | 606              |             | 2.0 | 2.4 |    | 250 | 350  |    |
| Q350Y4   | AlGaInP     | Yellow       | 590              |             | 2.0 | 2.4 |    | 250 | 350  |    |
| Q350YG4  | AlGaInP     | Yellow Green | 573              |             | 2.0 | 2.4 |    | 250 | 350  |    |
| S350ANB4 | InGaN       | Blue         | 470              |             | 3.2 | 3.8 |    | 400 | 600  |    |
| S350ANG4 | InGaN       | Pure Green   | 525              |             | 3.2 | 3.8 |    | 600 | 800  |    |
| S350ANW4 | InGaN       | White        | X:0.29<br>Y:0.30 |             | 3.2 | 3.8 |    | 800 | 1200 |    |