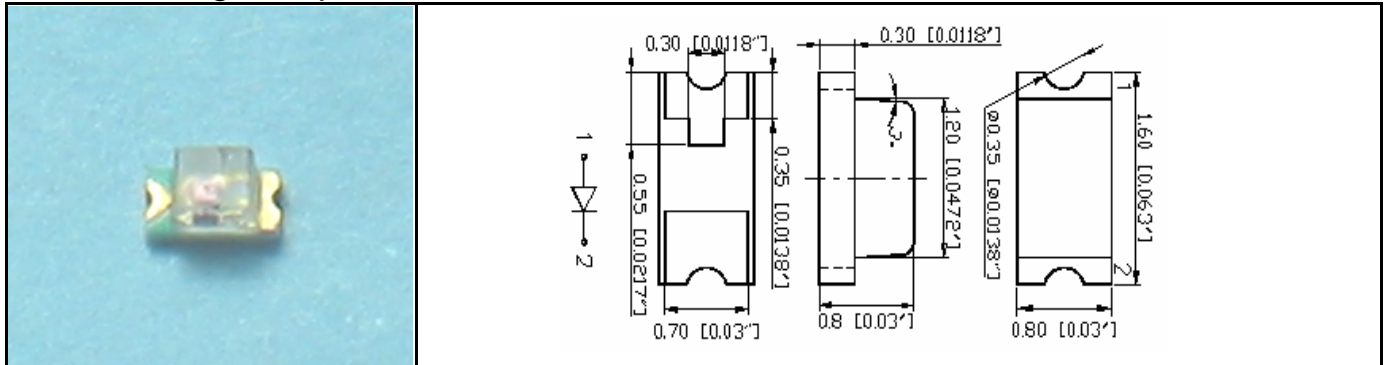


YETDA PCB TYPE SMD LED

| Part Number | Chip | | | Lens Color | V _F (V) at I _F =20mA | | I _v (mcd) | | | Viewing Angle 2θ 1/2 (deg.) |
|-------------|----------|---------------|--------|------------|--|------|-----------------------|------|------|--------------------------------|
| | Material | Emitter Color | λD(nm) | | Typ. | Max. | at I _F =mA | Min. | Typ. | |

0603 Package Chip LED

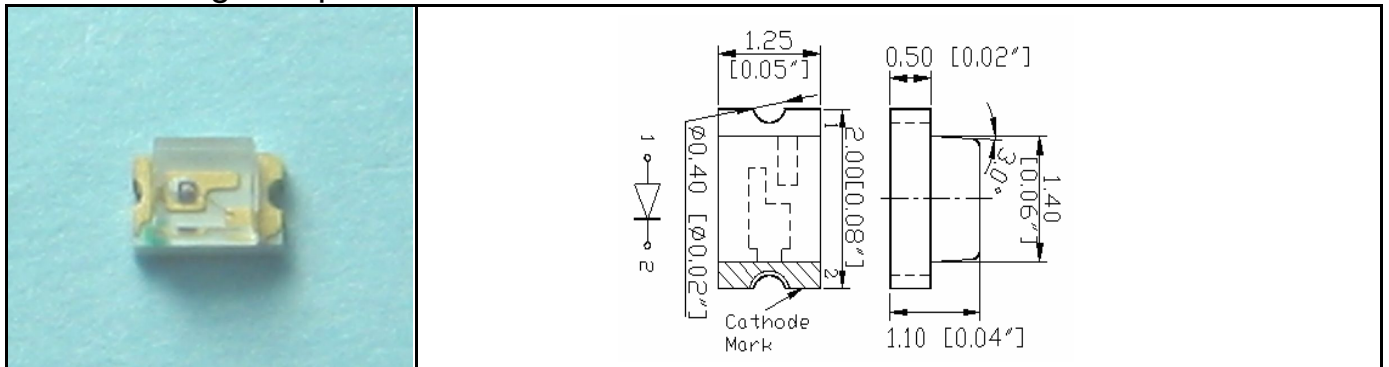
UNIT:mm



| | | | | | | | | | | |
|----------|-------------|--------------|------------------|-------------|-----|-----|----|-----|-----|-----|
| 190SR4 | AlGaAs/GaAs | Red | 660 | Water Clear | 1.8 | 2.0 | 20 | 13 | 20 | 130 |
| 190YG4 | GaP | Yellow Green | 573 | | 2.2 | 2.6 | | 15 | 30 | |
| 190Y4 | GaAsP/GaP | Yellow | 590 | | 2.1 | 2.6 | | 6 | 9 | |
| 190A4 | GaAsP/GaP | Orange | 606 | | 2.1 | 2.6 | | 6 | 9 | |
| Q190R4 | AlGaInP | Red | 625 | | 2.0 | 2.4 | | 75 | 113 | |
| Q190A4 | AlGaInP | Orange | 606 | | 2.0 | 2.4 | | 75 | 113 | |
| Q190Y4 | AlGaInP | Yellow | 590 | | 2.0 | 2.4 | | 60 | 90 | |
| Q190YG4 | AlGaInP | Yellow Green | 573 | | 2.0 | 2.4 | | 40 | 60 | |
| S190ANB4 | InGaN | Blue | 470 | | 3.2 | 3.8 | | 40 | 160 | |
| S190ANG4 | InGaN | Pure Green | 525 | | 3.2 | 3.8 | | 110 | 450 | |
| S190ANW4 | InGaN | White | X:0.29 Y:0.30 | | 3.2 | 3.8 | | 100 | 500 | |

0805 Package Chip LED

UNIT:mm



| | | | | | | | | | | |
|----------|-------------|--------------|------------------|-------------|-----|-----|----|-----|-----|-----|
| 170SR4 | AlGaAs/GaAs | Red | 660 | Water Clear | 1.8 | 2.0 | 20 | 13 | 20 | 140 |
| 170YG4 | GaP | Yellow Green | 573 | | 2.2 | 2.6 | | 15 | 23 | |
| 170Y4 | GaAsP/GaP | Yellow | 590 | | 2.1 | 2.6 | | 6 | 9 | |
| 170A4 | GaAsP/GaP | Orange | 606 | | 2.1 | 2.6 | | 6 | 9 | |
| Q170R4 | AlGaInP | Red | 625 | | 2.0 | 2.4 | | 80 | 120 | |
| Q170A4 | AlGaInP | Orange | 606 | | 2.0 | 2.4 | | 75 | 113 | |
| Q170Y4 | AlGaInP | Yellow | 590 | | 2.0 | 2.4 | | 75 | 113 | |
| Q170YG4 | AlGaInP | Yellow Green | 573 | | 2.0 | 2.4 | | 45 | 68 | |
| S170ANB4 | InGaN | Blue | 470 | | 3.2 | 3.8 | | 40 | 180 | |
| S170ANG4 | InGaN | Pure Green | 525 | | 3.2 | 3.8 | | 180 | 550 | |
| S170ANW4 | InGaN | White | X:0.29 Y:0.30 | | 3.2 | 3.8 | | 180 | 750 | |