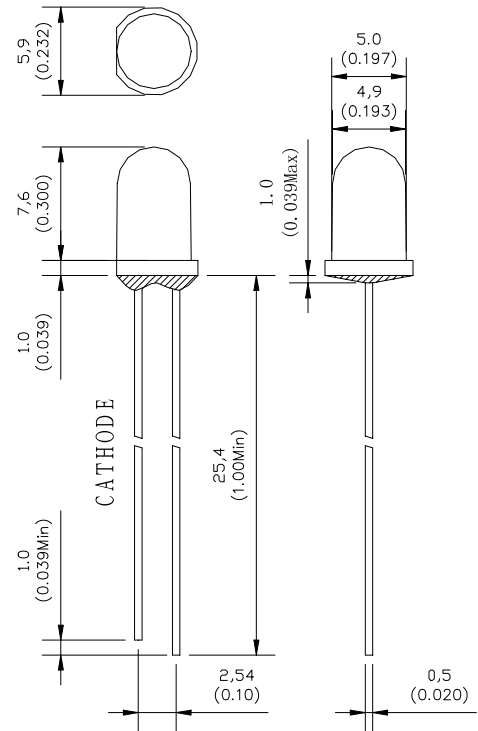


GNL-5013XX-TL/60 (Φ 5mm ROUND TYPE) Ultra Brightness

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

| Parameter | | | Unit |
|---|-----|------|------|
| DC Forward Current | 20 | | mA |
| Reverse Voltage | 5 | | V |
| Reverse Current (Vr=5V) | 10 | | μA |
| Peak Forward Current ,tw ,=1 msec Duty ,=1/20 | 150 | | mA |
| Operation Temperature | -40 | +80 | °C |
| Storage Temperature | -40 | +100 | °C |
| Solder Dip (5 seconds, 1.6mm from body) Temperature | 300 | ±5 | °C |



Feature:

- 1.Small flange without stand-off
- 2.Long life-solid state reliability
- 3.Long lead length(25.4mm)
- 4.Versatile mounting on P.C. board or panel

Description:

- 1.The shape of this series is round
- 2.General application is for indication,illumination,etc.
- 3.These LED lamps are available with light intensities,epoxy colors,etc.

| Part Number | EMITTED COLOR | | Lens Color | Peak Wavelength (nm) | Vf (v) Typ. | IV (If=20mA) mcd | | View Angle 2 θ 1/2 |
|---------------------|---------------|--------------------|-------------|----------------------|-------------|------------------|------|--------------------|
| | | | | | | Min. | Typ. | |
| GNL-5013UEC-TL/60 | AlGaInP | Super orange Red | Water Clear | 625 | 2.0 | 2500 | 3000 | 35° |
| GNL-5013UYC-TL/60 | AlGaInP | Super Yellow | Water Clear | 592 | 2.0 | 2000 | 3000 | 35° |
| GNL-5013BGC-TL/60 | AlGaInP | Super Bluish Green | Water Clear | 505 | 3.5 | 6000 | 8000 | 35° |
| GNL-5013UEC-TL/60-H | AlGaInP | Super orange Red | Water Clear | 625 | 2.0 | 3000 | 4000 | 35° |
| GNL-5013UYC-TL/60-H | AlGaInP | Super Yellow | Water Clear | 592 | 2.0 | 3000 | 4000 | 35° |
| GNL-5013BGC-TL/60-H | AlGaInP | Super Bluish Green | Water Clear | 505 | 3.5 | 7000 | 9000 | 35° |