



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-033-002 REV: 1.1

5.0mm Bi-Color (Multi-Color)With common Cathode(0.1"Lead Pitch)LEDs,T-1 3/4

MODEL NO : 339-1SRVGW/S150 ECN : _____ Page: 1/5

■ Features :

- Two chips are matched for uniform light output, wide viewing angle
- Long life-solid state reliability
- I.C. compatible/Low power consuming

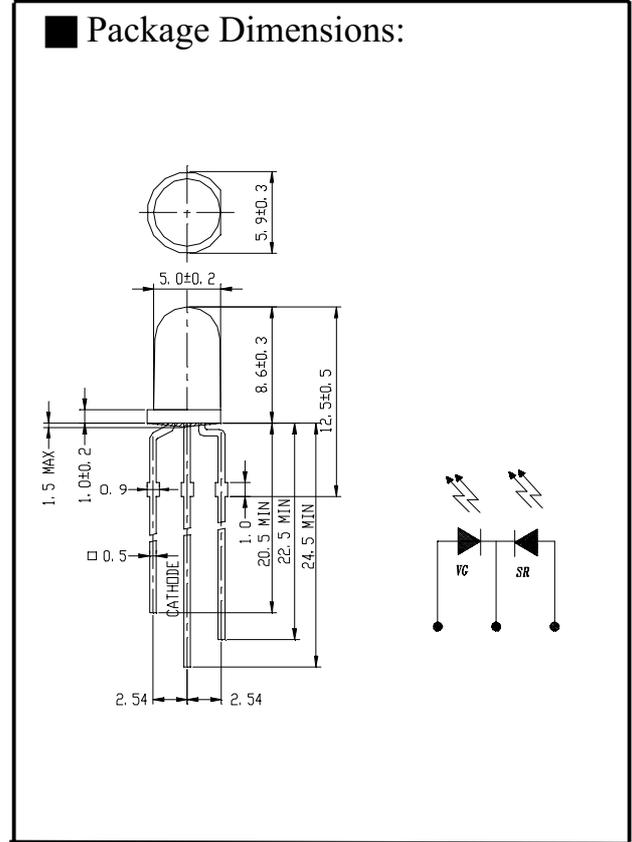
■ Descriptions :

- The 339-1 LED lamp contain two integral chips and are available as both bicolor and bipolar types.
- The Super Red and Green Light is emitted by diodes of GaAlAs and GaP respectively.
- Type of bipolar lamps are both white diffused and color diffused while the bicolor are white diffused.

■ Applications :

- TV set
- Monitor
- Telephone
- Computer

■ Package Dimensions:



■ NOTES :

- 1.All dimensions are in millimeters.
- 2.Epoxy meniscus may extend about 1.5mm(0.059") down to the lead.

| PART NO | CHIP | | Lens Color |
|-----------------|----------|---------------|----------------|
| | Material | Emitted Color | |
| 339-1SRVGW/S150 | GaAlAs | Super Red | White Diffused |
| | GaP | Green | |

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■ Reliability test item and condition

| NO | Item | Test Conditions | Test Hours/Cycle | Sample Size | Ac/Re |
|----|----------------------------------|---|------------------|-------------|-------|
| 1 | Solder Heat | TEMP : 260°C ± 5 °C | 5 SEC | 76 Pcs | 0/1 |
| 2 | Temperature Cycle | H : +85°C 30min ∫ 5 min L : -55°C 30min | 50 CYCLE | 76 Pcs | 0/1 |
| 3 | Thermal Shock | H : +100°C 5min ∫ 10 sec L : -10°C 5min | 50 CYCLE | 76 Pcs | 0/1 |
| 4 | High Temperature Storage | TEMP : 100°C | 1000 HRS | 76 Pcs | 0/1 |
| 5 | Low Temperature Storage | TEMP : -55°C | 1000 HRS | 76 Pcs | 0/1 |
| 6 | DC Operating Life | If = 20 mA | 1000 HRS | 76 Pcs | 0/1 |
| 7 | High Temperature / High Humidity | 85°C/85% RH | 1000 HRS | 76 Pcs | 0/1 |