



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-026-335 REV: 1.0

3mm Round Small Flange Without stand-off LEDs, T-1

MODEL NO : 264-7SURC/S530-A6 ECN : _____ Page: 1/4

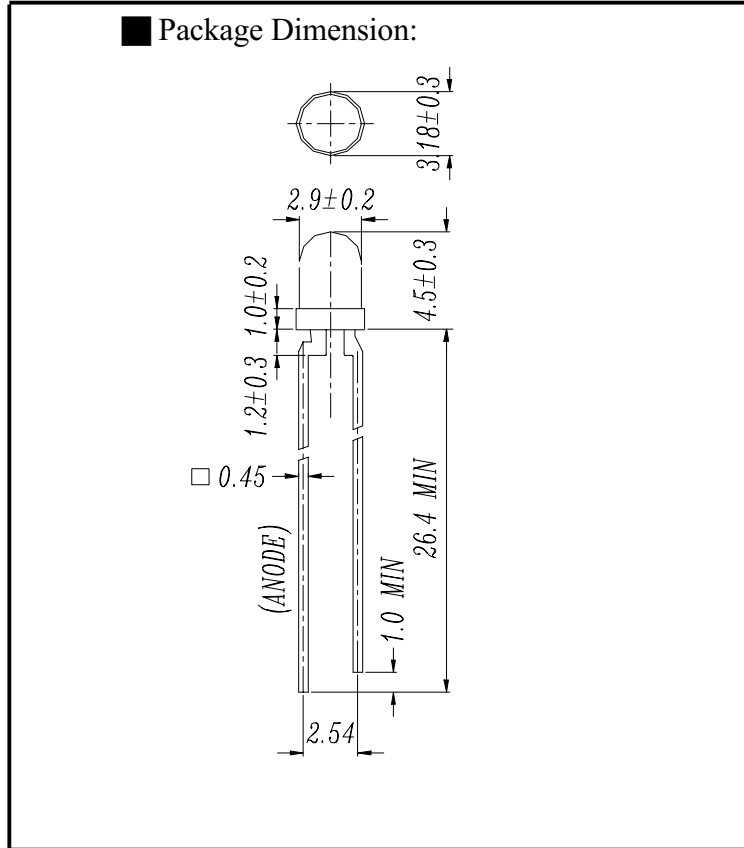
■ Features :

- High luminous power.
- Can be driven at low current.
- 2.54mm lead spacing.
- Available on tape and reel.

■ Description :

- The series is specially designed for applications require higher brightness than that achievable with standard lamp.
- The LED lamps are available with different colors,intensities, epoxy colors, etc.

■ Package Dimension:



■ Applications :

- TV Set
- Monitor
- Telephone
- Computer

■ NOTES :

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

| PART NO | CHIP | | Lens Color |
|-------------------|----------|---------------|-------------|
| | Material | Emitted Color | |
| 264-7SURC/S530-A6 | AlGaInP | Hyper Red | Water Clear |

| DESIGNER | CHECKER | APPROVER |
|----------|---------|----------|
| | | |

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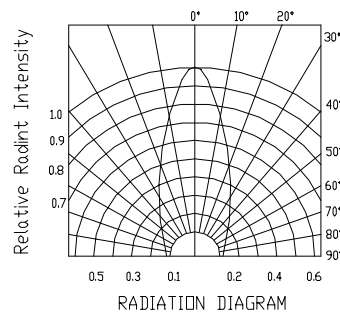
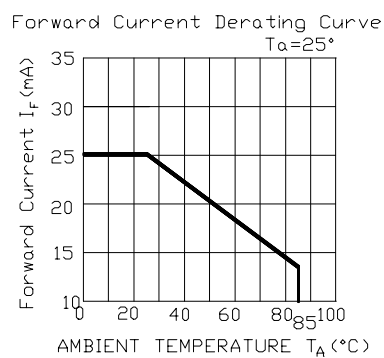
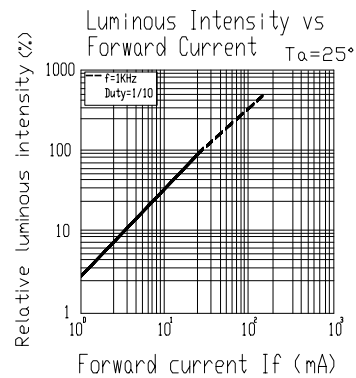
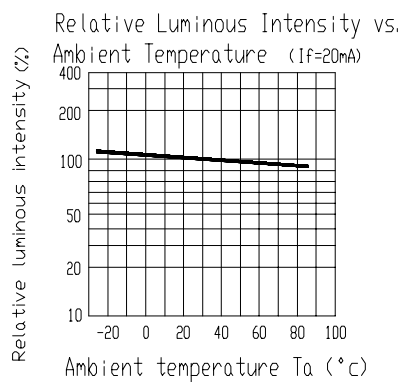
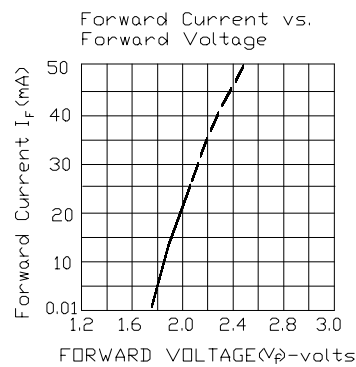
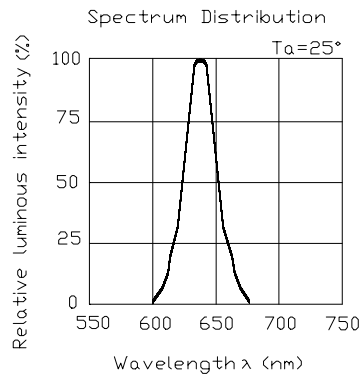
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■ Typical Electro-Optical Characteristic Curves





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■ Reliability test items and conditions

| NO | Item | Test Conditions | Test Hours/Cycle | Sample Size | Ac/Re |
|----|----------------------------------|---|------------------|-------------|-------|
| 1 | Soldering Heat | TEMP : 260°C ± 5 °C | 10±1 SEC | 76 Pcs | 0/1 |
| 2 | Solderability | TEMP : 230°C ± 5 °C | 5±1 SEC | 76 Pcs | 0/1 |
| 3 | Temperature Cycle | H : +85°C 30min ∫ 5 min L : -55°C 30min | 50 CYCLE | 76 Pcs | 0/1 |
| 4 | Thermal Shock | H : +100°C 5min ∫ 10 sec L : -10°C 5min | 50 CYCLE | 76 Pcs | 0/1 |
| 5 | High Temperature Storage | TEMP : 100°C | 1000 HRS | 76 Pcs | 0/1 |
| 6 | Low Temperature Storage | TEMP : -55°C | 1000 HRS | 76 Pcs | 0/1 |
| 7 | DC Operating Life | If = 20 mA | 1000 HRS | 76 Pcs | 0/1 |
| 8 | High Temperature / High Humidity | 85°C/85% RH | 1000 HRS | 76 Pcs | 0/1 |