



# EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-033-726 REV: 1.0

T-1 3/4 (5mm) Round Shape LEDs

MODEL NO : 333-2USOC/S400-A7 ECN : \_\_\_\_\_ Page: 1/4

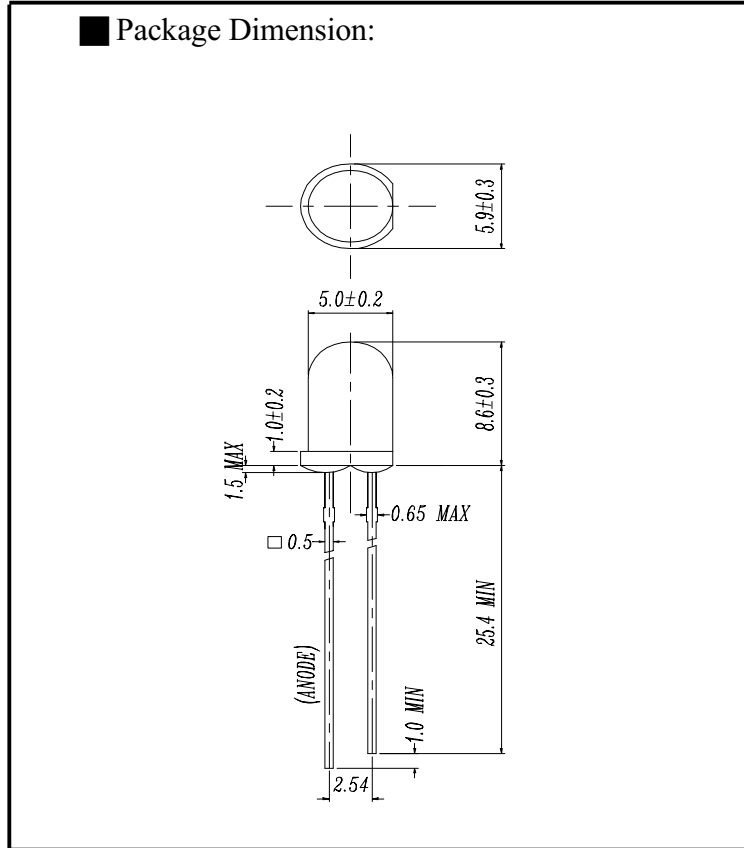
### Features :

- Popular T-1 3/4 diameter package.
- Choice of various viewing angles.
- Available on tape and reel.
- Reliable and robust.

### Description :

- The series is specially designs for applications requiring 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	
333-2USOC/S400-A7	AlGaInP	Super Sunset Orange	Water Clear

DESIGNER	CHECKER	APPROVER

C992078,991065

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## ■ Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	If	50	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Power Dissipation	Pd	120	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	If(Peak)	200	mA
Reverse voltage	Vr	5	V

## ■ Electronic Optical Characteristics :

Parameter	Symbol	MIN.	TYP.	MAX.	Unit	Condition
Luminous intensity	Iv	5600.0	8000.0	----	mcd	If=20mA
Viewing Angle	2 θ 1/2	----	10	----	deg	If=20mA
Peak Wavelength	λ p	----	621	----	nm	If=20mA
Dominant Wavelength	λ d	----	615	---	nm	If=20mA
Spectrum Radiation Bandwidth	△ λ	----	18	-----	nm	If=20mA
Forward Voltage	Vf	-----	2.0	2.4	V	If=20mA
Reverse Current	Ir	----	----	10	μ A	Vr=5V

ESD:2000V



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## ■ Typical Electro-Optical Characteristic Curves

