



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-031-079 REV: 1.0

T-1 3/4 (4.7mm) Round Shape LED Lamps

MODEL NO : 313-2UYC/S530-A6 ECN : _____ Page: 1/4

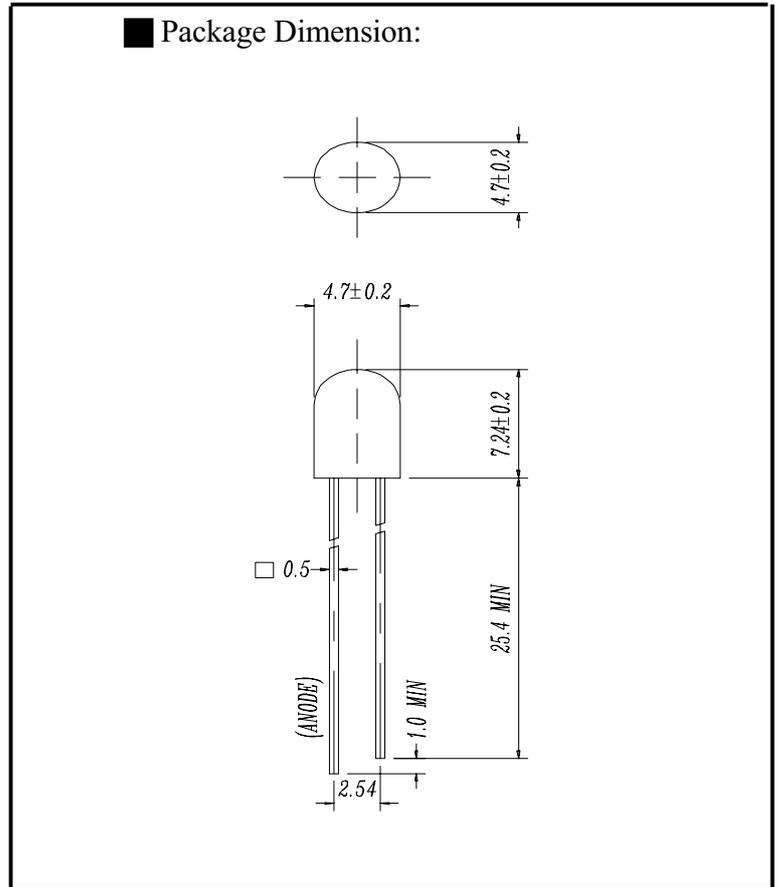
Features :

- 4.7mm round without flange.
- Available on tape and reel.
- Reliable and rugged.
- Improved brightness.
- Narrow viewing angle.

Description :

- ϕ 4.7mm T-1(3/4)all resin mold.
- General application is for indication,illumination,etc.
- The LED lamp is available with different colors,light 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	
313-2UYC/S530-A6	AlGaInP	Super Yellow	Water Clear

DESIGNER	CHECKER	APPROVER

Office : NO 25,Lane 76,Chung Yang Rd,Sec.3
Tucheng,Taipei 236,Taiwan,R.O.C.

TEL : 886-2-2267-2000,2267-9936(22 Lines)
FAX : 886-2-2267-6189



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-031-079 REV: 1.0

T-1 3/4 (4.7mm) Round Shape LED Lamps

MODEL NO : 313-2UYC/S530-A6 ECN : _____ Page: 2/4

■ Absolute Maximum Ratings at T_A = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	I _f	25	mA
Operating Temperature	T _{opr}	-40 to +85	°C
Storage Temperature	T _{stg}	-40 to +100	°C
Soldering Temperature	T _{sol}	260 ± 5	°C
Power Dissipation	P _d	60	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	I _{f(peak)}	160	mA
Reverse Voltage	V _r	5	V

■ Electronic Optical Characteristics :

Parameter	Symbol	MIN.	TYP.	MAX.	Unit	Condition
Luminous intensity	I _v	----- 860	82.8 1380	----	mcd	I _f =2mA I _f =20mA
Viewing Angle	2 θ 1/2	----	20	----	deg	I _f =20mA
Peak Wavelength	λ _p	----	591	----	nm	I _f =20mA
Dominant Wavelength	λ _d	----	589	----	nm	I _f =20mA
Spectrum Radiation Bandwidth	△ λ	----	15	----	nm	I _f =20mA
Forward Voltage	V _f	-----	2.0	2.4	V	I _f =20mA
Reverse Current	I _r	----	----	10	μ A	V _r =5V

ESD:2000V



Device Number : DLE-031-079 REV: 1.0

T-1 3/4 (4.7mm) Round Shape LED Lamps

MODEL NO 313-2UYC/S530-A6 ECN: _____ Page: 3/4

■ Typical Electro-Optical Characteristic Curves

