



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-528-010 REV: 1.0

3.2X4.3 mm Elliptical Wide Angle LEDs

PART NO : 5284-11SURC/S400-A7/P75 ECN : _____ Page: 1/4

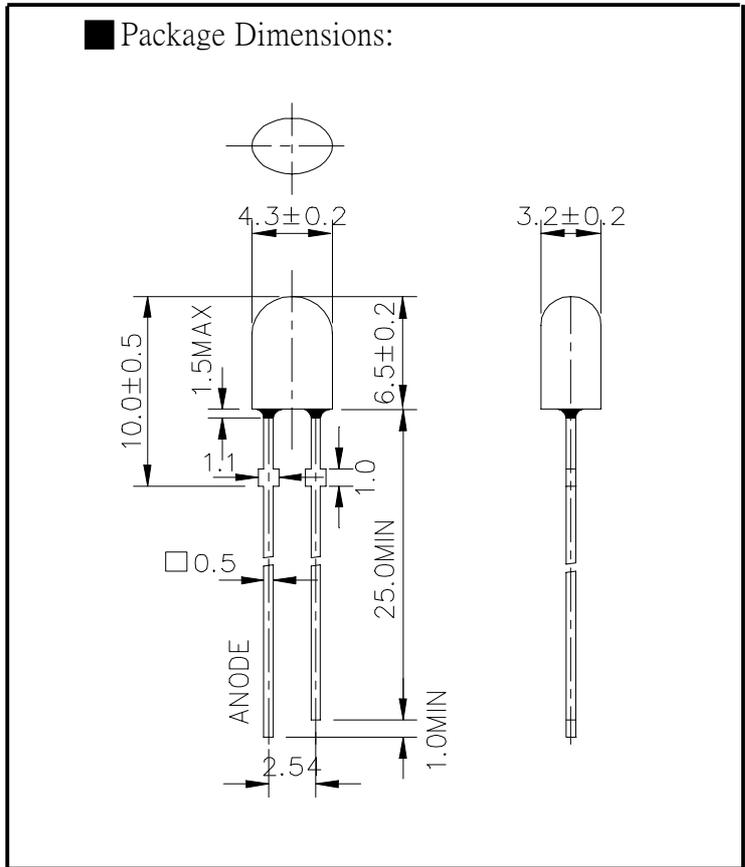
■ Features :

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

■ Descriptions :

- The series is specially designed for applications that requiring higher brightness.
- The LED lamps are available with different colors,intensities, epoxy colors, etc.

■ Package Dimensions:



■ 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	
5284-11SURC/S400-A7/P75	AlGaInP	Hyper Red	Water Clear

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EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-532-010 REV: 1.0

3.2X4.3 mm Elliptical Wide Angle LEDs

PART NO : 5284-11SURC/S400-A7/P75 ECN : _____ Page: 2/4

■ Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	IF	25	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Electrostatic Discharge	ESD	2000	V
Power Dissipation	Pd	60	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	IF(Peak)	160	mA
Reverse Voltage	VR	5	V

■ Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	250	400		mcd	IF=20mA
Viewing Angle	2θ 1/2		X:100	----	deg	IF=20mA
Peak Wavelength	λ p	----	632	----	nm	IF=20mA
Dominant Wavelength	λ d	----	624	----	nm	IF=20mA
Spectrum Radiation Bandwidth	△ λ	----	20	----	nm	IF=20mA
Forward Voltage	Vf		2.0	2.4	V	IF=20mA
Reverse Current	IR	----	----	10	μ A	VR=5V



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■ Typical Electro-Optical Characteristic Curves

