



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDLE-734-019 REV.: 1

5.0mm Round Type LED Lamps

PART NO. : 7343-2USRC/S1060 ECN: _____ Page: 1/4

■ Features :

- Choice of various viewing angles
- Available on tape and reel.
- Reliable and robust

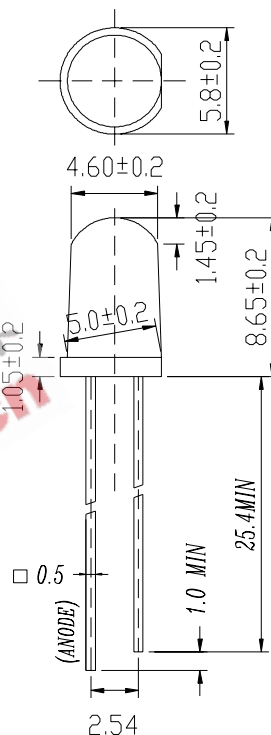
■ Descriptions :

- The series is specially designed for applications requiring higher brightness
- The led lamps are available with different colors, intensities,

■ Applications :

- TV set
- Monitor
- Telephone
- Computer

■ Package Dimensions:



■ Notes :

1. All dimensions are in millimeters.
2. An epoxy meniscus may extend about 1.5mm(0.059") down to the lead.
3. Tolerances unless Dimension ± 0.25 mm.

PART NO.	Chip		Lens Color
	Material	Emitted Color	
7343-2USRC/S1060	AlGaInP	Super Red	Water Clear

Office : 7C Building, Lian Hua Port Industrial District, Lian Hua Shan
 Bonded Pricessing Zone Pan Yu, Guang Zhou, China

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A0204057.Z2002034



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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
Electrostatic Discharge	ESD	2000	V
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	2500	4000	/	mcd	IF= 20 mA
Viewing Angle	2θ 1/2	/	30	/	deg	IF= 20 mA
Peak Wavelength	λ p	/	639	/	nm	IF= 20 mA
Dominant Wavelength	λ d	/	631	/	nm	IF= 20 mA
Spectrum Radiation Bandwidth	△ λ	/	20	/	nm	IF= 20 mA
Forward Voltage	VF	/	2.0	2.6	V	IF= 20 mA
Reverse Current	IR	/	/	10	μ A	VR= 5 V



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Page: 3/4

■ Typical Electro-Optical Characteristic Curves:

