



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DLE-026-231 REV: 1.2

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

MODEL NO : 264-7GD ECN : _____ Page: 1/4

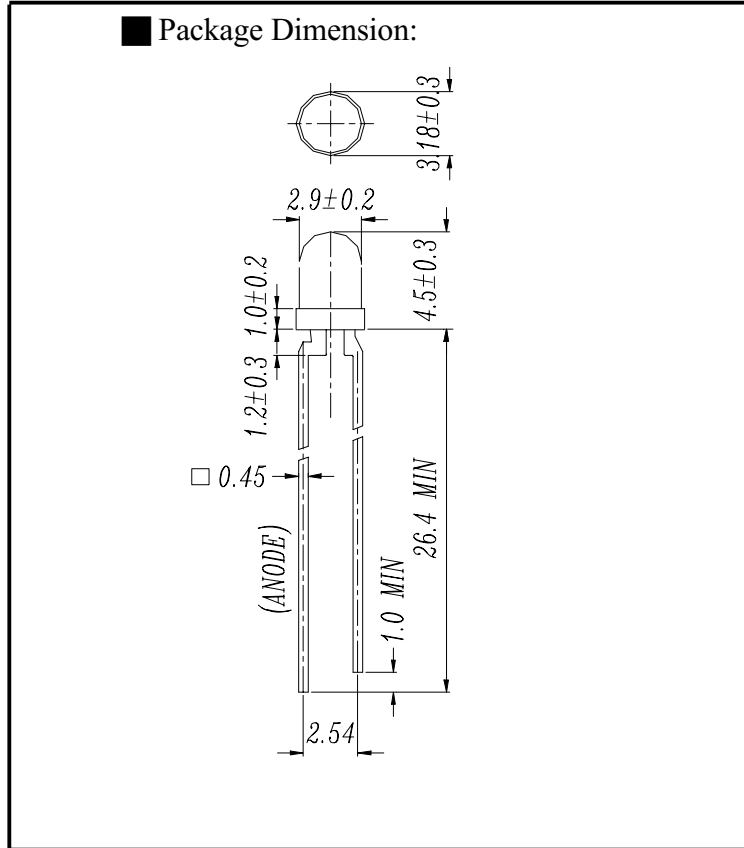
Features :

- 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	
264-7GD	GaP	Green	Green Diffused

DESIGNER	CHECKER	APPROVER

Office : NO 25,Lane 76,Chung Yang Rd,Sec.3
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■ Absolute Maximum Ratings at T_A = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	I _f	30	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	100	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	6.3	10.0	-----	mcd	I _f =10mA
Viewing Angle	2θ 1/2	-----	60	-----	deg	I _f =20mA
Peak Wavelength	λ _p	-----	565	-----	nm	I _f =20mA
Dominant Wavelength	λ _d	-----	570	-----	nm	I _f =20mA
Spectrum Radiation Bandwidth	Δλ	-----	30	-----	nm	I _f =20mA
Forward Voltage	V _f	1.7	2.1	2.4	V	I _f =20mA
Reverse Current	I _r	-----	-----	10	μA	V _r =5V



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■ Typical Electro-Optical Characteristic Curves

