

LEDIST OPTOELECTRONICS CO., LTD

Data sheet for L-331GG-40

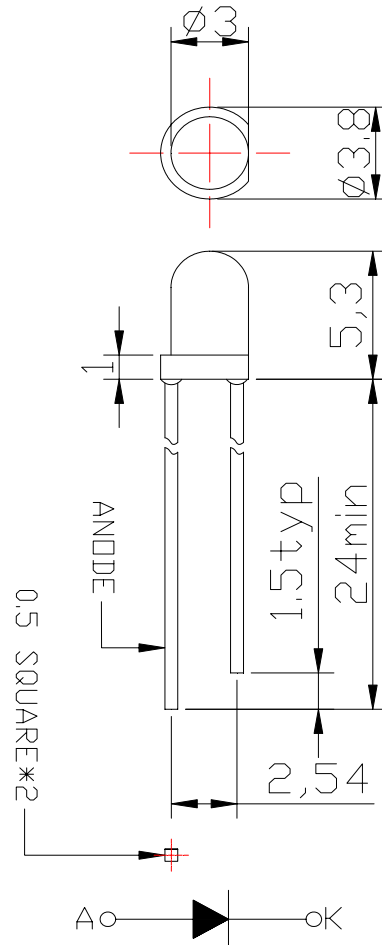
Features:

- Low power consumption
- High intensity
- Solid state reliability
- Industrial standard size

Description:

- 3mm round LED
- Emitting color: Yellow green, AlGaInP
- Green diffused epoxy
- Viewing angle: 40°

Package Dimensions:



Notes:

1. All dimensions are in millimeters(inches)
2. Tolerance is 0.25mm(0.01") unless otherwise noted
3. Above specifications may be changed without notice

Absolute maximum ratings at Ta = 25°C:

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	80	mW
Reverse Voltage	Vr	5	V
DC. Forward Current	If	30	mA
Peak Current (1/10 Duty Cycle , 0.1 ms Pulse Width)	If(Peak)	100	mA
Operating Temperature Range	Topr	-30to+85	°C
Storage Temperature Range	Tstg	-30to+100	°C
Lead Soldering Temp.(1.6mm from body) for 5 seconds		260	°C

Electrical Characteristics at TA=25°C:

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	Iv	IF=20mA	100	--	200	mcd
Forward Voltage	Vf	IF=20mA	1.9	2.1	2.3	V
Peak Wavelength	λ_p	IF=20mA		--		nm
Dominant Wavelength	λ_d	IF=20mA	570.0	--	575.0	nm
Reverse Current	Ir	VR=5V			10	uA
Viewing Angle	2 θ 1/2	IF=20mA		40		Deg
Spectrum Line Halfwidth	λ	IF=20mA	--	30	--	nm

Typical Optical-Electronic Characteristic Curves:

