

Feature

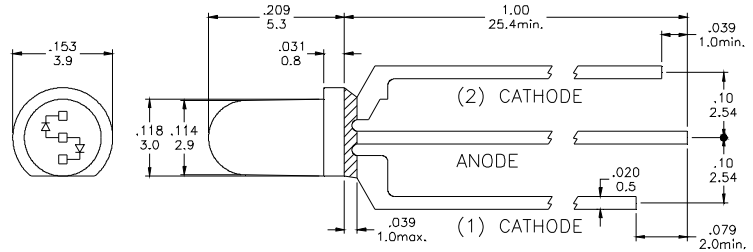
- § Low Power Consumption
- § High Intensity
- § I.C. compatible

Applications

- § Commercial Outdoor Sign Board
- § Front Panel Indicator
- § Backlight

Description

- § The (1)Red and (2)Green Chips are Matched For uniform Light Output
- § White Diffusion Lens

Package Dimension


*Tolerance : $\pm \frac{0.01}{0.25}$ Unit : $\pm \frac{\text{inch}}{\text{mm}}$

Absolute Maximum Ratings at Ta = 25°C

Symbol	Parameter	Max.	Unit
PD	Power Dissipation	100	mW
VR	Reverse Voltage	5	V
IAF	Average Forward Current	30	mA
IPF	Peak Forward Current (Duty=0.1 , 1kHz)	100	mA
—	Derating Linear Form 25°C	0.4	mA / °C
Topr	Operating Temperature Range	- 40 to + 80	°C
Tstg	Storage Temperature Range	- 40 to + 100	°C
Lead Soldering Temperature [1.6mm (0.063inch) From Body] 260°C For 5 Seconds.			

Electrical / Optical Characteristics and Curves at Ta = 25°C

Symbol	Parameter	Test Condition	Min.	Typ.	Max.	Unit
VF	Forward Voltage	IF= 20 mA	R	1.85	2.5	V
			G	2.2	2.8	
IR	Reverse Current	VR= 5 V			50	μA
IV	Luminous Intensity	IF= 20 mA	R	60		mcd.
			G	30		
λ P	Dominant Wavelength	IF= 20 mA	R	660		nm
			G	570		