

**Feature**

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

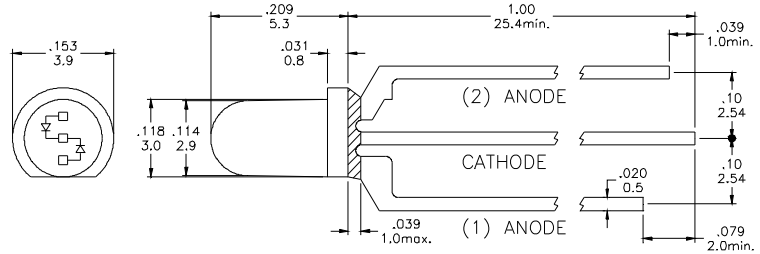
**Applications**

- Commercial Outdoor Sign Board
- Front Panel Indicator
- Backlight

**Description**

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

**Package Dimension**



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

**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	100		mcd.
			G	80		
λ D	Dominant Wavelength	IF= 20 mA	R	640		nm
			G	570		

Specific binning requirements- please contact our home office

# Mouser Electronics

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