

**Feature**

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

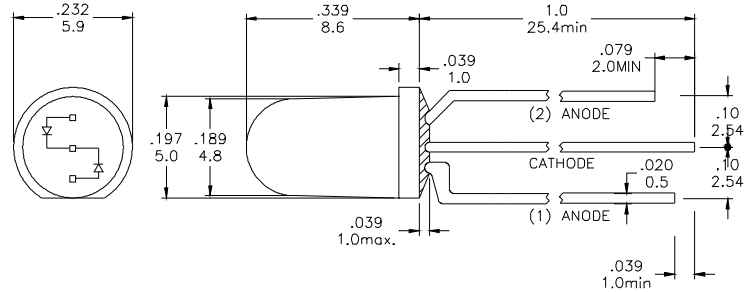
**Applications**

- Commercial Outdoor Sign Board
- Front Panel Indicator

**Description**

- The (1)Red and (2)Yellow 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	2.0	2.4	V
			Y	1.8	2.4	
IR	Reverse Current	VR = 5 V			50	μA
IV	Luminous Intensity	IF = 20 mA	R	100		mcd.
			Y	80		
λd	Dominant Wavelength	IF = 20 mA	R	640		nm
			Y	590		

Specific binning requirements- please contact our home office