VCC OPTOELECTRONICS
lighting:theway

BI-COLOR LED LAMP

VAOB-3GADE2-C

Feature

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

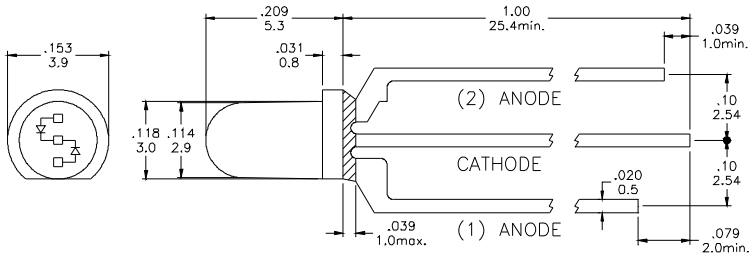
Applications

- 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: 0.01 / 0.25 Unit: inch / mm

Absolute Maximum Ratings at Ta＝25℃

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℃	0.4	mA／℃
Topr	Operating Temperature Range	－40 to ＋ 80	℃
Tstg	Storage Temperature Range	－40 to ＋ 100	℃
Lead Soldering Temperature [1.6mm（0.063inch）From Body] 260℃ For 5 Seconds.			

Electrical / Optical Characteristics and Curves at Ta＝25℃

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		
λD	Dominant Wavelength	IF＝ 20 mA	R		640		nm
			G		570		

Specific binning requirements- please contact our home office

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