



(3mm)SUPER BRIGHT LED LAMP

AOL-311RJ4

Feature

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

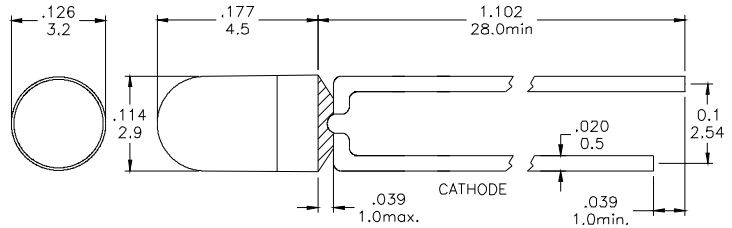
Applications

- § Commercial Outdoor Sign Board
- § Front Panel Indicator
- § Dot-Matrix Module
- § LED Bulb

Description

- § These LEDs are Based on AlInGaP/GaAs Material Technology
- § Color 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	120	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 + 85	°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	1.9	2.1	2.4	V
IR	Reverse Current	VR = 5 V	0.1	0	10	μA
$\Delta \theta$	Half Intensity Angle	IF = 20 mA	95	100	110	Deg.
IV	Luminous Intensity	IF = 20 mA	245	350	485	mcd.
λd	Peak Wavelength	IF = 20 mA	625	630	640	nm