

High brightness 5mm cylindrical type yellow led lamp

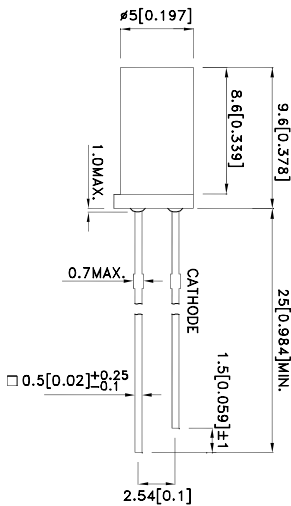
Features:

- Single color
- High bright output
- Low power consumption
- High reliability and long life

Descriptions:

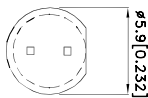
- Dice material: AlGaInP
- Emitting Color: ultra bright Yellow
- Device Outline: Φ 5mm cylindrical Type
- Lens type: water clear

Package Dimensions: LLC520UYC-B90



Notes:

- All dimensions are millimeters: mm
- Tolerance is +0.20mm unless otherwise noted



Absolute maximum ratings (Ta=25°C):

Parameter	Symbol	Test Condition	Values		Unit
			Min	Max	
Reverse Voltage	VR	IR=30 μ A	5	---	V
Forward Current	IF	---	---	30	mA
Power Dissipation	Pd	---	---	75	mW
Pulse Current	Ipeak	Duty=0.1mS, 1kHz	---	100	mA
Operating Temperature	Topr	---	-40	+85	°C
Storage Temperature	Tstr	---	-40	+100	°C

Electrical and optical characteristics (Ta=25°C):

Parameter	Symbol	Test Condition	Values			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF=20mA	---	2.25	2.6	V
Reverse Current	IR	VR=5V	---	---	30	μA
Dominate Wavelength	λ_d	IF=20mA	---	589	---	nm
Peak Wavelength	λ_P	IF=20mA	---	590	---	nm
Spectral Line half-width	$\Delta\lambda$	IF=20mA	---	20	---	nm
Luminous Intensity	IV	IF=20mA	800	1000	---	mcd

Typical Electrical-Optical Characteristics Curves:

