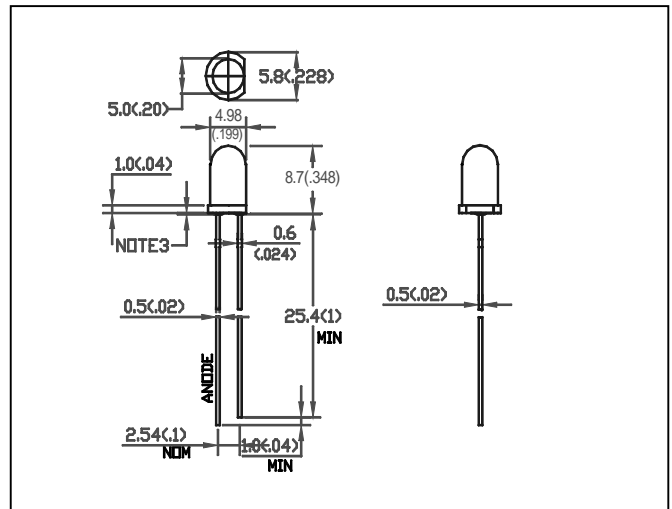


Characters

- § High intensity.
- § Viewing angle 15°.
- § Reliable and Rugged
- § Standard 5mm diameter package.

Outline Dimensions

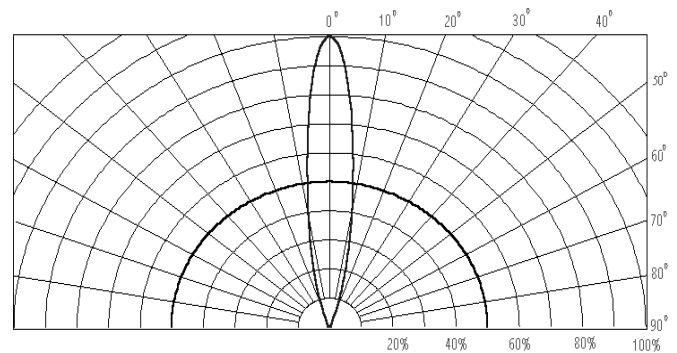


ITEM	MATERIALS
Resin(Mold)	Epoxy
Lens Color	Water Transparent
Lead Frame	Ag Plating Iron Alloy
Dice	InGaN

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
		White	
Power Dissipation	PD	120	mW
DC Forward Current	IF	20	mA
Pulsed Forward Current	IFP	100 *	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +80	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature	Tsol	260	

Directive Characteristics (Ta=25°C)



* Duty 1/10 Pulse Width 0.1ms This Rating is Zener Diode
At the position of 4mm from the bottom of the package within 5 seconds.

Electrical-Optical Characteristics (Ta=25°C)

Relative Luminous Intensity

Part No.	Luminous Intensity (mcd)			Forward Voltage (V)			Forward Voltage (V)		Reverse Current(μA)		Wavelength Characteristics		
	Typ.	Min.	IF (mA)	Typ.	Max.	IF (mA)	Min.	IF (μA)	Max.	VR (V)	X	Y	IF (mA)
LA504W3CA-3B/01	13000	10000	20	3.2	4.0	20	2.0	100	50	5	0.2662	0.2411	20

Axial Direction (luminous Intensity)

Notes:

- § All dimensions are in millimeters (inches) .
- § Tolerance is ±0.25 (.010) mm unless otherwise noted.
- § Protruded resin under flange is 1.0 mm (.04) max.