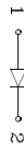
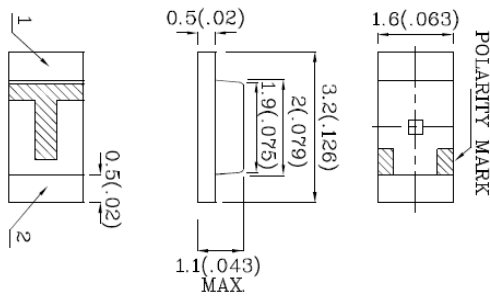


### Package Dimensions

P/N: EP3216PBC-A  
3.2x1.6mm SMD CHIP LED LAMP



**Notes:**

- All dimensions are in millimeters (inches).
- Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.
- Lead spacing is measured where the lead emerge package.
- Specifications are subject to change without notice.

Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd		Wavelength nm $\lambda P$	Viewing Angle $2\theta 1/2$
			min.	typ.		
Blue	AlGaInN	Water Clear	50	98	468	120°

Absolute Maximum Ratings (TA=25°C)		CBD (AlGaInN)	Unit
Reverse Voltage	VR	5	V
Forward Current	IF	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	150	mA
Power Dissipation	PD	120	mW
Operating Temperature	TA	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	

Operating Characteristics (TA=25°C)		CBD (AlGaInN)	Unit
Forward Voltage (Typ.) (IF=20mA)	VF	3.3	V
Forward Voltage (Max.) (IF=20mA)	VF	4.0	V
Reverse Current (Max.) (VR=5V)	IR	10	uA
Wavelength Of Peak Emission (Typ.) (IF=20mA)	$\lambda P$	468	nm
Wavelength Of Dominant Emission (Typ.) (IF=20mA)	$\lambda D$	470	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	$\Delta\lambda$	25	nm
Capacitance (VF=0V, f=1MHz)	C	100	pF