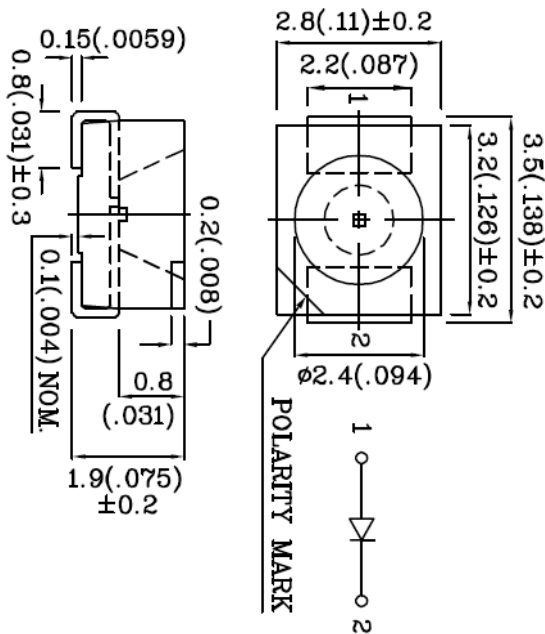


Package Dimensions

P/N: EA3528PBC-A
3.5x2.8mm SURFACE MOUNT LED LAMP



Notes:

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

Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA)		Wavelength nm λP	Viewing Angle $2\theta 1/2$
			min.	typ.		
Blue	GaN	Water Clear	110	199	468	120°

Absolute maximum ratings (TA=25°C)		CB-D (GaN)	Unit
Reverse voltage	VR	5	V
Forward current	IF	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	180	mA
Power dissipation	PT	120	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	

Operating Characteristics (TA=25°C)		CB-D (GaN)	Unit
Forward voltage (typ.) (IF=20mA)	VF	3.5	V
Forward voltage (max.) (IF=20mA)	VF	4.0	V
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (IF=20mA)	$\lambda peak$	468	nm
Wavelength at Dominate emission (IF=20mA)	λD	470	nm
Spectral Line half-width (IF=20mA)	$\Delta\lambda$	25	nm
Capacitance (VF=0V, f=1MHz)	C	100	pF