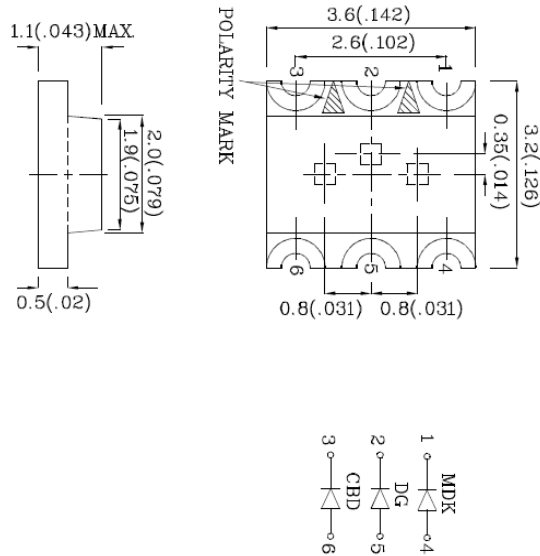


Package Dimensions

P/N: EPF3236SURKVGAPBA
 3.2X3.6mm FULL-COLOR SURFACE MOUNT
 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 λP	Viewing Angle $2\theta 1/2$
			min.	typ.		
Red	InGaAlP	Water Clear	70	148	650	120°
Green	AlInGaN		70	178	515	
Blue	AlInGaN		36	89	468	

Absolute maximum ratings (TA=25°C)		MDK (InGaAlP)	DG (AlInGaN)	CBD (AlInGaN)	Unit
Reverse Voltage	VR	5	5	5	V
Forward Current	IF	30	25	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	185	150	180	mA
Power Dissipation	PT	75	102.5	120	mW
Operating Temperature	TA	-40 ~ +85			°C
Storage Temperature	Tstg	-40 ~ +85			

Operating Characteristics (TA=25°C)		MDK (InGaAlP)	DG (AlInGaN)	CBD (AlInGaN)	Unit
Forward Voltage (Typ.) (IF=20mA)	VF	1.95	3.3	3.3	V
Forward Voltage (Max.) (IF=20mA)	VF	2.5	4.1	4.0	V
Reverse Current (Max.) (VR=5V)	IR	10	10	10	uA
Wavelength of Peak Emission (Typ.) (IF=20mA)	λp	650	515	468	nm
Wavelength of Dominant Emission (Typ.) (IF=20mA)	λD	635	525	470	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	$\Delta\lambda$	28	30	25	nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	35	45	100	pF