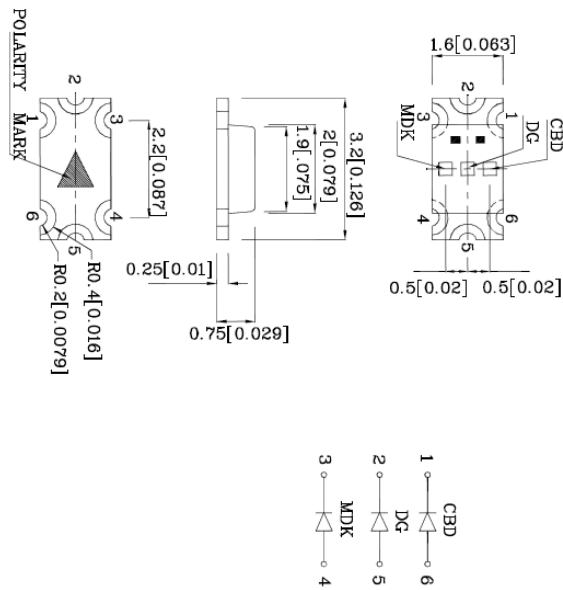


Package Dimensions

P/N: EPTF3216PBAVGASUK
3.2mm x 1.6mm FULL-COLOR SURFACE MOUNT LED LAMP



Notes:

- All dimensions are in millimeters (inches).
- Tolerance is ±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 λ P	Viewing Angle 2θ 1/2
			min.	typ.		
Blue	InGaN		36	89	468	
Green	InGaN	Water Clear	70	178	515	120°
Red	AlGaInP		70	218	650	

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

Operating Characteristics (TA=25°C)		CBD (InGaN)	DG (InGaN)	MDK (AlGaInP)	Unit
Forward Voltage (Typ.) (IF=20mA)	VF	3.3	3.3	1.95	V
Forward Voltage (Max.) (IF=20mA)	VF	4.0	4.1	2.5	V
Reverse Current (Max.) (VR=5V)	IR	10	10	10	uA
Wavelength of Peak Emission (Typ.) (IF=20mA)	λ P	468	515	650	nm
Wavelength of Dominant Emission (Typ.) (IF=20mA)	λ D	470	525	630	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	Δλ	25	30	28	nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	100	45	35	pF