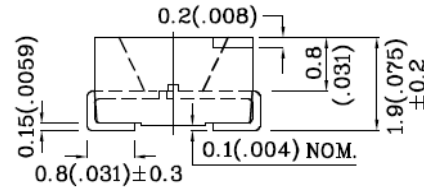
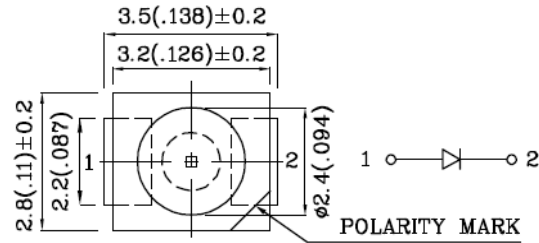


Features

- SINGLE COLOR.
- SUITABLE FOR ALL SMT ASSEMBLY AND SOLDER PROCESS.
- AVAILABLE ON TAPE AND REEL.
- IDEAL FOR BACKLIGHTING.
- PACKAGE : 1500PCS / REEL.
- RoHS COMPLIANT.


Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ " unless otherwise noted.

Absolute Maximum Ratings (TA=25°C)		UR (GaAsP/GaP)	Unit
Reverse Voltage	V _R	5	V
Forward Current	I _F	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	i _{FS}	160	mA
Power Dissipation	P _T	75	mW
Operating Temperature	T _A	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +85	

Operating Characteristics (TA=25°C)		UR (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (I _F =20mA)	V _F	2.0	V
Forward Voltage (Max.) (I _F =20mA)	V _F	2.5	V
Reverse Current (V _R =5V)	I _R	10	uA
Wavelength of Peak Emission (I _F =20mA)	λ peak	627	nm
Wavelength of Dominant Emission (I _F =20mA)	λ D	625	nm
Spectral Line Full Width At Half-Maximum (I _F =20mA)	Δλ	45	nm
Capacitance (V _F =0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (I _F =20mA) mcd		Wavelength nm λ P	Viewing Angle 2θ 1/2
				min.	typ.		
EA3528EC	Red	GaAsP/GaP	Water Clear	7	29	627	120°
DATA NO :		REV NO :V1		DATE : AUG/31/2006			