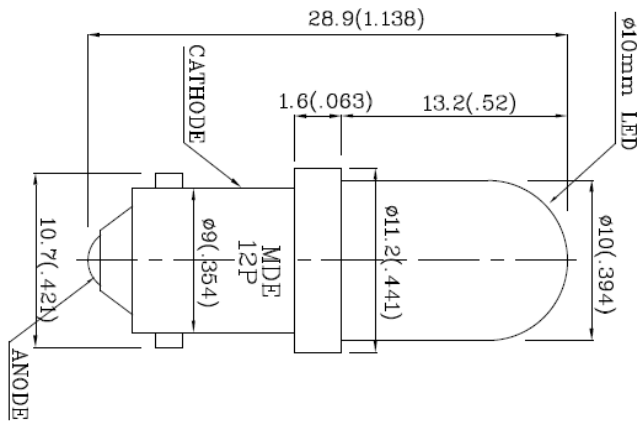


Package Dimensions

P/N: EYMDE101W12V
10MM RED 12V BAYONET BASE LED



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.

Absolute Maximum Ratings ($T_A=25^\circ\text{C}$)		MD-E (InGaAlP)	Unit
Reverse Voltage	V_R	5	V
Forward Voltage	V_F	14	V
Power Dissipation	P_T	280	mW
Operating Temperature	T_A	-40 ~ +70	°C
Storage Temperature	T_{stg}	-40 ~ +85	

Operating Characteristics ($T_A=25^\circ\text{C}$)		MD-E (InGaAlP)	Unit
Forward Current (Typ.) ($V_F=12\text{V}$)	I_F	16	mA
Forward Current (Max.) ($V_F=12\text{V}$)	I_F	20	mA
Reverse Current (Max.) ($V_R=5\text{V}$)	I_R	10	uA
Wavelength Of Peak Emission (Typ.) ($V_F=12\text{V}$)	λ_P	640	nm
Wavelength Of Dominant Emission (Typ.) ($V_F=12\text{V}$)	λ_D	630	nm
Spectral Line Full Width At Half-Maximum (Typ.) ($V_F=12\text{V}$)	$\Delta\lambda$	25	nm

Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($V=12\text{V}$) mcd		Wavelength nm λ_P	Viewing Angle $2\theta_{1/2}$
			min.	typ.		
Red	InGaAlP	Water Clear	1500	2490	640	20°