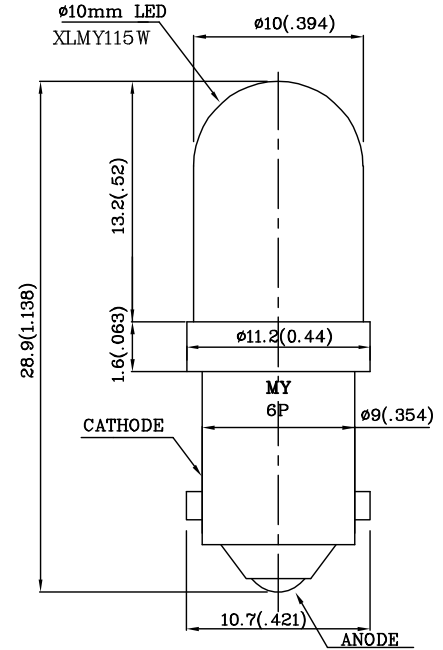


**Features**

- BUILT-IN CURRENT LIMITING RESISTOR FOR DIRECT APPLICATION OF DIFFERENT ACROSS CURRENT.
- LONG LIFE.
- LOW CURRENT, POWER SAVINGS.
- LOW MAINTENANCE.
- SOLID STATE, HIGH VIBRATION RESISTANT.
- 6V INTERNAL RESISTOR.
- RoHS COMPLIANT.

Notes:

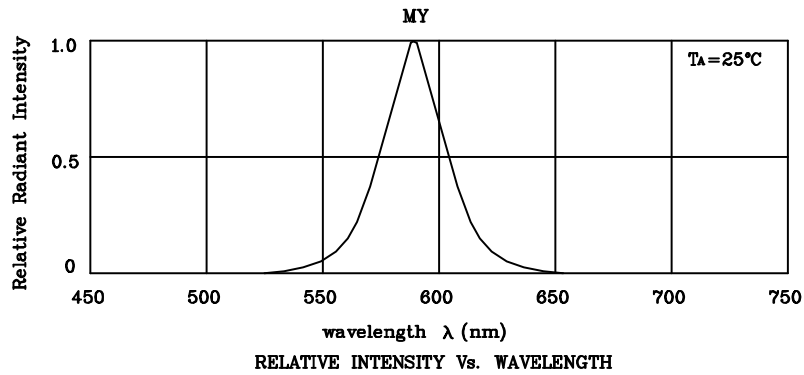
1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$ " unless otherwise noted.



Absolute maximum ratings ( $T_A=25^\circ\text{C}$ )		MY (InGaAlP)	Unit
Reverse Voltage	$V_R$	5	V
Forward Voltage	$V_F$	7	V
Power Dissipation	$P_T$	150	mW
Operating Temperature	$T_A$	-40 ~ +70	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	

Operating Characteristics ( $T_A=25^\circ\text{C}$ )		MY (InGaAlP)	Unit
Forward Current (Typ.) ( $V_F=6\text{V}$ )	$I_F$	25	mA
Reverse Current ( $V_R=5\text{V}$ )	$I_R$	10	$\mu\text{A}$
Wavelength of Peak Emission ( $V_F=6\text{V}$ )	$\lambda_P$	590	nm
Wavelength of Dominant Emission ( $V_F=6\text{V}$ )	$\lambda_D$	588	nm
Spectral Line Full Width At Half-Maximum ( $V_F=6\text{V}$ )	$\Delta\lambda$	28	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ( $V=6\text{V}$ ) mcd		Wavelength nm $\lambda_P$	Viewing Angle $2\theta$ 1/2
				min.	typ.		
XYMY101W6V	Yellow	InGaAlP	Water Clear	650	1295	590	20°



❖ MY

