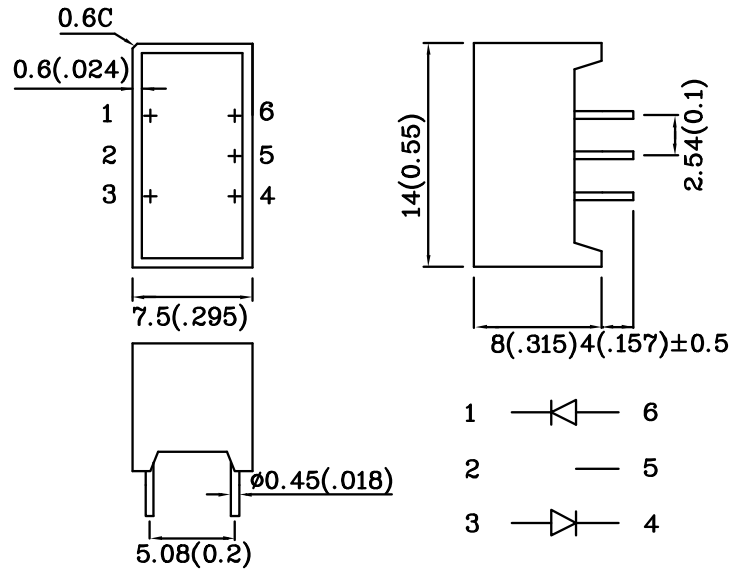


Features

- UNIFORM LIGHT EMITTING AREA.
- EASILY MOUNTED ON P.C. BOARDS OR INDUSTRY STANDARD SOCKETS.
- FLUSH MOUNTABLE.
- EXCELLENT ON/OFF CONTRAST.
- CAN BE USED WITH PANELS AND LEGEND MOUNTS.
- MECHANICALLY RUGGED.
- I.C. COMPATIBLE.



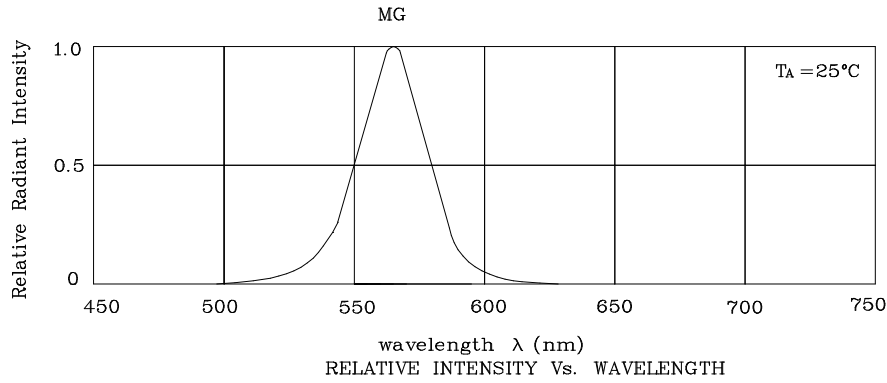
Notes:

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

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		MG (GaP)	Unit
Reverse voltage	V_R	5	V
Forward current	I_F	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i_{FS}	140	mA
Power dissipation	P_T	105	mW
Operating temperature	T_A	-40 ~ +85	°C
Storage temperature	T_{stg}	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics ($T_A=25^\circ\text{C}$)		MG (GaP)	Unit
Forward voltage (typ.) ($I_F=20\text{mA}$)	V_F	2.2	V
Forward voltage (max.) ($I_F=20\text{mA}$)	V_F	2.5	V
Reverse current ($V_R=5\text{V}$)	I_R	10	μA
Wavelength at peak emission ($I_F=20\text{mA}$)	λ_{peak}	565	nm
Wavelength at Dominate emission ($I_F=20\text{mA}$)	λ_D	568	nm
Spectral Line half- width ($I_F=20\text{mA}$)	$\Delta\lambda$	30	nm
Capacitance ($V_F=0\text{V}$, $f=1\text{MHz}$)	C	15	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=20\text{mA}$) mcd		Wavelength nm λ_P	Viewing Angle 2θ 1/2
				min.	typ.		
XEMG22DX	Green	GaP	Green Diffused	40	75	565	120°
Published Date : OCT 03,2003 Drawing No : XDSA1957 V3 Checked : Shin Chi P.1/2							



❖ MG

