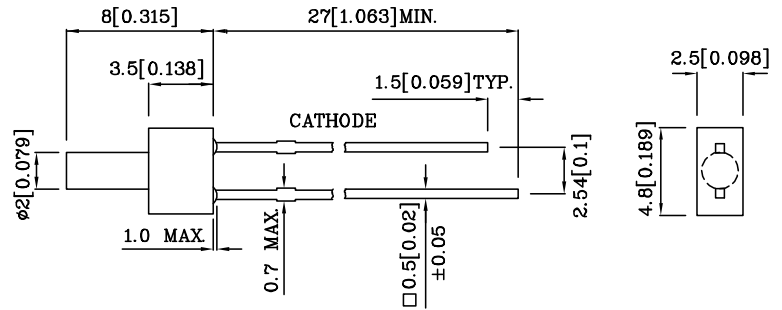


Features

- MOUNTS FLUSH WITH PANEL.
- LOW POWER CONSUMPTION.
- SUITABLE FOR AUDIO PANEL INDICATOR.
- FITS 2mm HOLE IN PANEL UP TO 3.5mm (.138").
- LONG LIFE - SOLID STATE RELIABILITY.



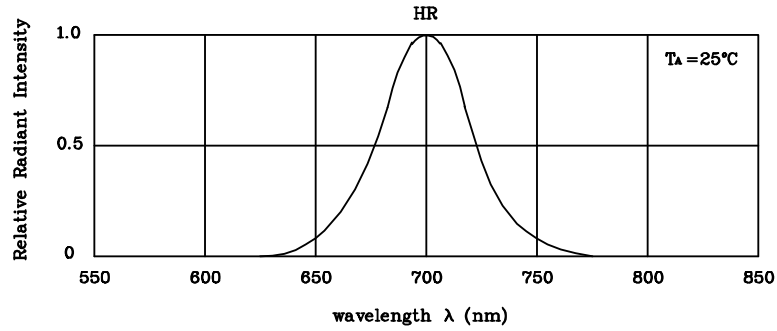
Notes:

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

Absolute maximum ratings (TA=25°C)		HR (GaP)	Unit
Reverse voltage	VR	5	V
Forward current	IF	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	130	mA
Power dissipation	PT	120	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		HR (GaP)	Unit
Forward voltage (typ.) (IF=10mA)	VF	2.05	V
Forward voltage (max.) (IF=10mA)	VF	2.5	V
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (IF=10mA)	λ peak	700	nm
Wavelength at Dominate emission (IF=10mA)	λ D	660	nm
Spectral Line half-width (IF=10mA)	Δλ	45	nm
Capacitance (VF=0V, f=1MHz)	C	40	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=10mA) mcd		Wavelength nm λ P	Viewing Angle 2 θ 1/2
				min.	typ.		
XLHR13D	Red	GaP	Red Diffused	0.4	1.3	700	70°
Published Date : AUG 23,2003 Drawing No :XDSA2305 V2 Checked : B.L.LIU P.1/2							



RELATIVE INTENSITY Vs. WAVELENGTH

❖ HR

