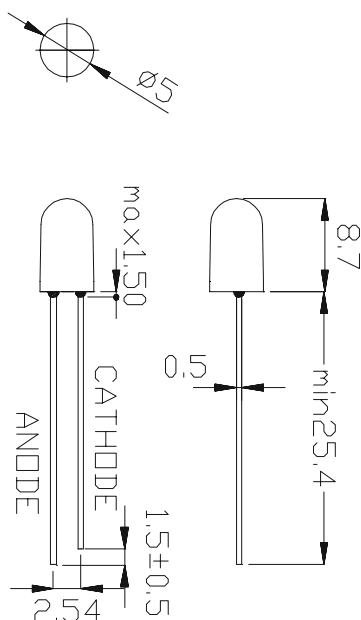


Device Selection Guide

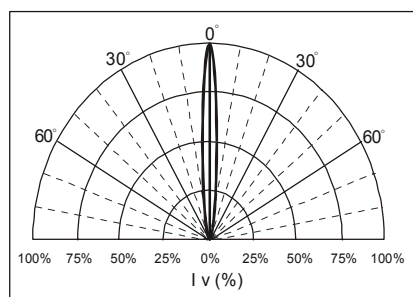
Part Number EOL-	Luminous Intensity $I_v(\text{mcd}) @ I_F = 20\text{mA}$		Viewing Angle $2\theta_{1/2}$	Dominant Wavelength $\lambda_D(\text{nm}) @ I_F = 20\text{mA}$	Forward Voltage $V_F(\text{V}) @ I_F = 20\text{mA}$		$I_R(\mu\text{A}) @ V_R = 5\text{V}$	Stand Off	Epoxy Color
	Min.	Typ.	Typ.	Typ.	Typ.	Max.	Max.		
5HHBCC0-EG	6105	9800	8°	505	3.4	4.0	50	No	Clear

BIN #	X	Y	Z		
Intensity (mcd) @ $I_F=20\text{mA}$	6105-8550	8550-11970	11970-16758		

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Unspecified tolerance : $\pm 0.20\text{mm}$.
- Protruded resin under bottom surface of epoxy is 1.5mm max.
- Lead spacing is measured where the leads emerge from the package
- Specifications are subject to be changed without notice.

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Parameter	Symbol	Maximum Value	USER---APPROVED
Average Forward Current	I_F	20mA	
Peak Forward Current ^[a]	I_{peak}	50mA	
Reverse Voltage	V_R	5V	
Power Dissipation	P_D	80mW	
Operating Temperature Range	T_{OPR}	$-40^\circ\text{C} \sim +85^\circ\text{C}$	
Storage Temperature Range	T_{STO}	$-40^\circ\text{C} \sim +100^\circ\text{C}$	
Lead Soldering Temperature	T_{SOL}	$260^\circ\text{C} / 5\text{ seconds}$	

Notes: [a] Duty Ratio = 1/10, Pulse Width = 0.1ms.

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