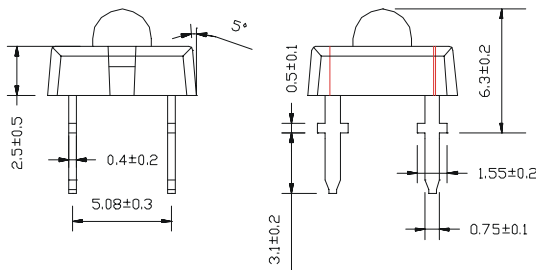
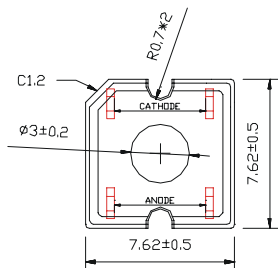


Device Selection Guide

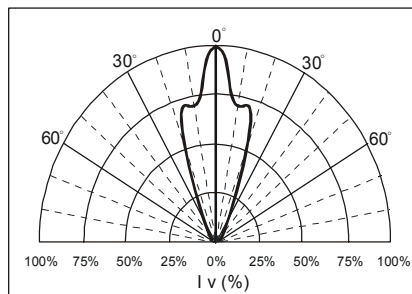
Part Number EOZ-	Total Flux $\Phi_v(\text{mlm}) @ I_F = 50\text{mA}$		Luminous Intensity $I_v(\text{mcd}) / \Phi_v(\text{mlm})$ @ $I_F = 50\text{mA}$	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength $\lambda_D(\text{nm}) @ I_F = 50\text{mA}$	Forward Voltage $V_F(\text{V}) @ I_F = 50\text{mA}$		$I_R(\mu\text{A})$ @ $V_R = 5\text{V}$
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
ZBFHCD0-GG	2000	2750	1.85	40°	525	4.2	4.8	10

BIN #	D	E	F		
Total Flux (mlm) @ $I_F = 50\text{mA}$	2000-2750	2750-3850	3850-5400		

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	50mA	
Peak Forward Current ^[a]	I_{peak}	80mA	
Reverse Voltage	V_R	5V	
Power Dissipation	P_D	240mW	
Operating Temperature Range	T_{OPR}	-40°C ~ + 85°C	
Storage Temperature Range	T_{STO}	-40°C ~ + 100°C	
Lead Soldering Temperature	T_{SOL}	260°C / 5 seconds	

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

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