

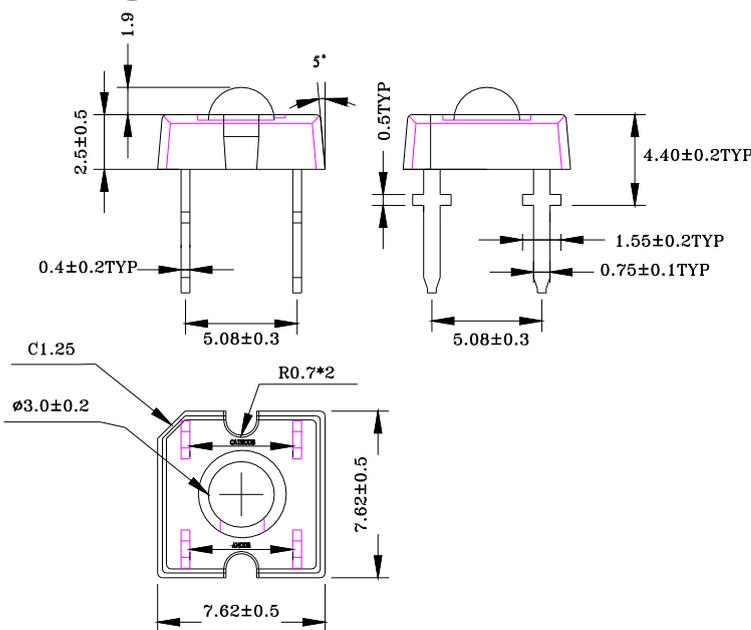
Device Selection Guide

Part Number EOZ-	Total Flux Φ_V (mIm) ^[1] @ $I_F = 70$ mA		Luminous Intensity I_V (mcd)/ Φ_V @ $I_F = 70$ mA	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength λ_d (nm) @ $I_F = 70$ mA	V_F @ $I_F = 70$ mA		I_R (μ A) @ $V_R = 10$ V
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
ZBRHCD0-DG	1000	1700	1.6	40°	623	2.3	2.6	100

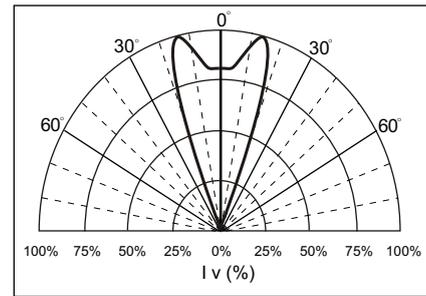
BIN#	B	C	D		
Total Flux(mIm) @ $I_F = 70$ mA	1000-1430	1430-2000	2000-2750		

Notes: [1] Tolerance Value of $\Phi_V \pm 15\%$.

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeters.
- Tolerance is ± 0.20 mm unless otherwise noted.
- 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 change without notice.

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

Parameter	Symbol		<i>USER---APPROVED</i>
DC Forward Current	I_f	70mA	
Reverse Voltage	V_r	10V	
Power Dissipation	P_D	182mW	
Operating Temperature Range	T_{opr}	-40°C to + 85°C	
Storage Temperature Range	T_{sto}	-40°C to + 100°C	
Lead Soldering Temperature	T_{sol}	260°C for 5 Seconds	

Notes: Duty Ratio=1/10, Pulse Width=0.1 ms