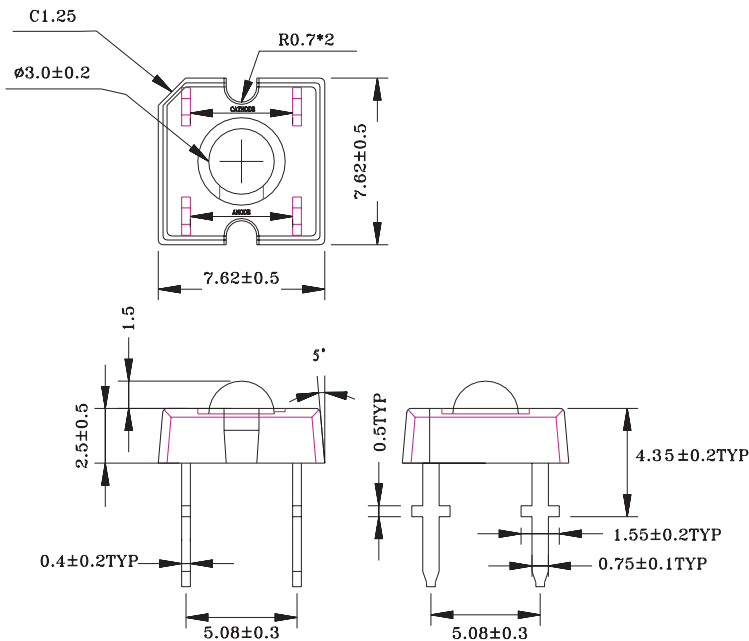


Device Selection Guide

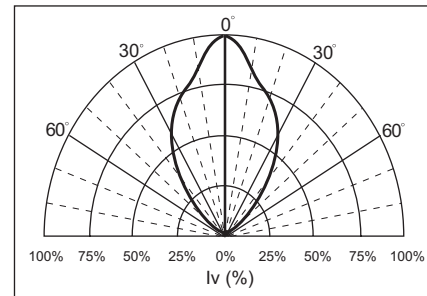
Part Number EOZ-	Total Flux Φ_V (mIm) @ $I_F = 70$ mA		Luminous Intensity I_V (mcd)/ Φ_V @ $I_F = 70$ mA	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength λ_D (nm) @ $I_F = 70$ mA	V_F @ $I_F = 70$ mA		I_R (μ A) @ $V_R = 10$ V
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
ZIRPCD0-HD	2000	2500	0.8	70°	623	2.7	3.0	100

BIN#	D	E	F		
Total Flux(mIm) @ $I_F = 70$ mA	2000-2750	2750-3850	3850-5400		

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- 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 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	70mA	
Peak Forward Current ^[a]	I_{peak}	100mA	
Reverse Voltage	V_R	10V	
Power Dissipation	P_D	210mW	
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 = 0.1 ms