EXCELLENCE OPTO. INC.

EOZ-ZPYVCD0-TK

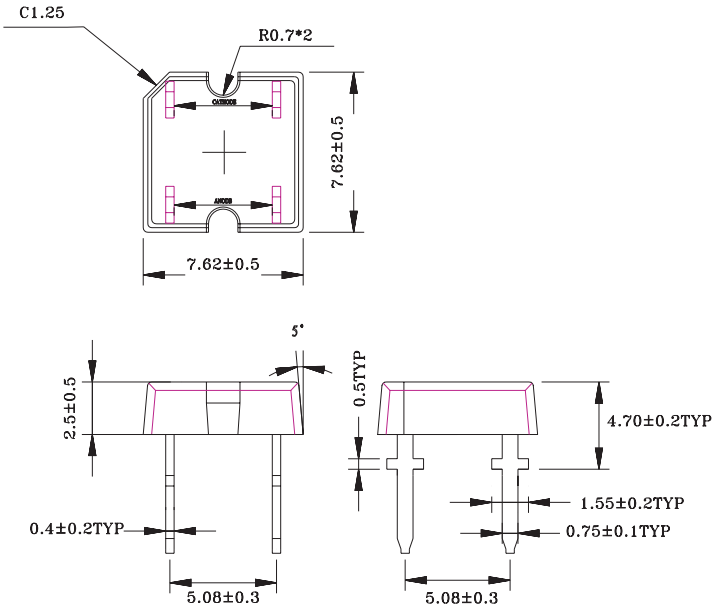
Date	Spec Number	Ver.
2005/9/20	Z-023-00	B-01

Device Selection Guide

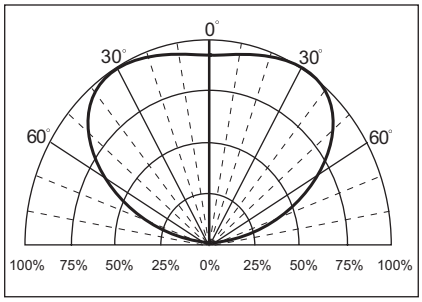
Part Number EOZ-	Total Flux Φ_V(mlm) @ I_F = 70 mA		Luminous Intensity I_V(mcd)/Φv @ I_F = 70 mA	Viewing Angle $2\theta_{1/2}$	Dominant Wavelength λ_D(nm) @ I_F = 70 mA	V_F @ I_F = 70 mA		I_R(μA) @ V_R = 10V
	Min.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
ZPYVCD0-TK	2000	2500	0.29	130°	589	2.7	3.2	100

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

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Tolerance is ±0.20mm unless otherwise noted.
- Protruded resin under bottom surface of epoxy is1.5mm 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℃

Parameter	Symbol	Maximum Value
Average Forward Current	I_F	70mA
Peak Forward Current[a]	I_{peak}	100mA
Reverse Voltage	V_R	10V
Power Dissipation	P_D	224mW
Operating Temperature Range	T_{opr}	-40℃ ~ +85℃
Storage Temperature Range	T_{sto}	-40℃ ~ +100℃
Lead Soldering Temperature	T_{sol}	260℃ / 5 seconds

USER---APPROVED

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