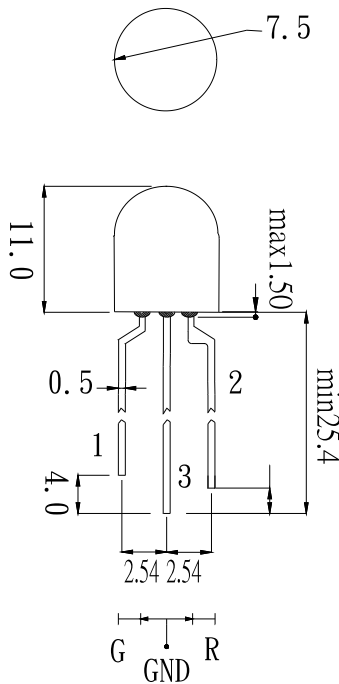


Device Selection Guide

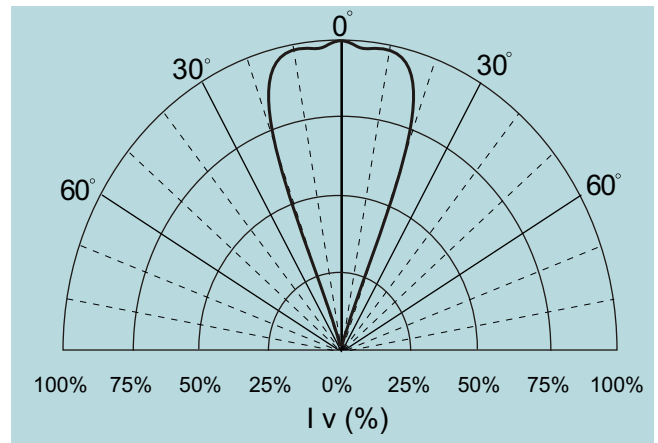
Part Number EOB-	Luminous Intensity I_v (mcd) @ $I_F = 20$ mA		Viewing Angle $2\theta_{1/2}$ @ $I_F = 20$ mA	Dominant Wavelength λ_d (nm) @ $I_F = 20$ mA	V_F @ $I_F = 20$ mA		I_R (uA) @ $V_R = 5$ V	Stand Off	Epoxy Color
	Min.	Typ.	Typ.	Typ.	Min.	Max.	Max.		
A9RGKCC-613J	250	320	40°	623	2.0	2.4	10	No	Clear
	210	250		570	2.0	2.4			

Notes: [1] Tolerance for Min. Value + 15%

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter (mm).
- Unspecified tolerance: ± 0.20 mm.
- Protruded resin 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 $T = 25^\circ\text{C}$

Parameter	Symbol	
Peak Forward Current	I_{fm}	100mA
Average Forward Current	I_f	25mA
Reverse Voltage	V_r	5V
Operating Temperature Range	T_{opr}	-30°C to $+85^\circ\text{C}$
Storage Temperature Range	T_{sto}	-40°C to $+100^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	260°C / 5 Secondes

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