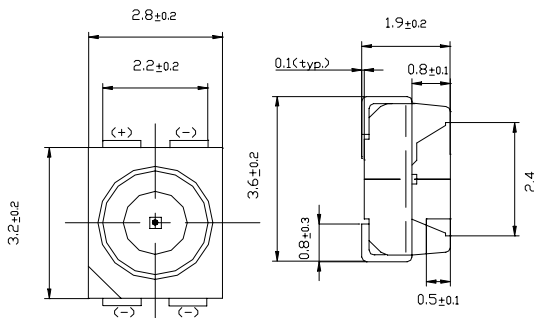


Device Selection Guide

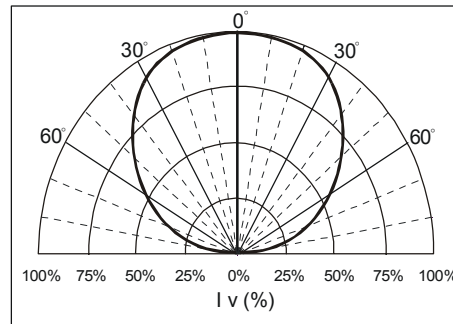
Part Number EOS-	Luminous Intensity Iv(mcd) @ I _F = 30mA		Viewing Angle 2θ _{1/2}	Dominant Wavelength λ _D (nm) @ I _F = 30mA	Forward Voltage V _F (v) @ I _F = 30 mA		I _R (μA) @ V _R = 5V
	Min.	Typ.	Typ.	Typ.	Typ.	Max.	Max.
9ZBQCR0-EG	180	250	120°	470	3.4	3.95	10

BIN #	4S	5S	4T	5T	
Intensity (mcd) @ I _F =30mA	180-224	224-285	285-355	355-450	

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Tolerance is ±0.20mm unless otherwise note.
- Specifications are subject to be changed without notice.

Absolute Maximum Ratings at T_A = 25°C

Parameter	Symbol	Maximum Value	USER---APPROVED
Average Forward Current	I _F	30mA	
Peak Forward Current ^[a]	I _{peak}	200mA	
Reverse Voltage	V _R	5V	
Power Dissipation	P _D	118.5mW	
Operating Temperature Range	T _{OPR}	-40°C ~ + 100°C	
Storage Temperature Range	T _{STO}	-40°C ~ + 100°C	
Lead Soldering Temperature	T _{SOL}	260°C / 5 seconds	

Notes: [a] t_p ≤ 10 μs, Duty Cycle = 0.005

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