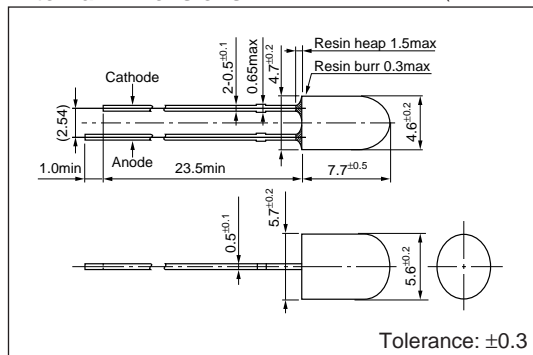


4.6×5.6 ϕ Egg-shaped LED

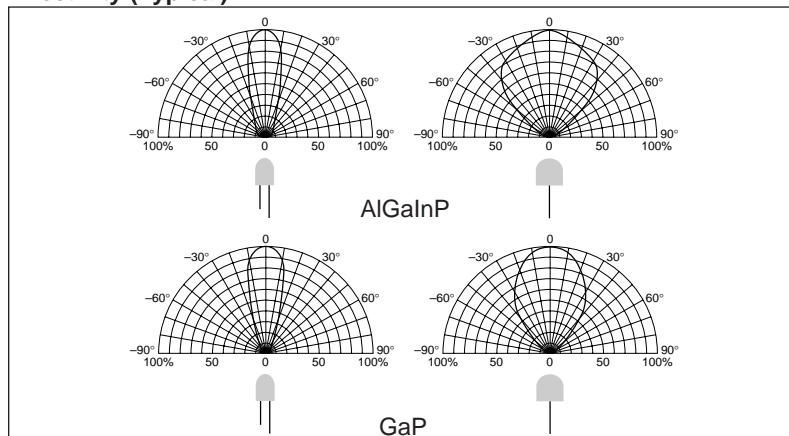
SEL1053M Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating		Condition
		GaP	AlGaInP	
I_F	mA	30		
ΔI_F	mA/°C	-0.45		Above 25°C
I_{FP}	mA	100		f=1kHz, tw≤100μs
V_R	V	3	4	
Top	°C	-30 to +85		
Tstg	°C	-30 to +100		

Electrical Optical characteristics (Ta=25°C)

Emitting color	Part Number	Lens color	Forward voltage			Reverse current		Intensity		Peak wavelength		Spectrum half width		Chip material
			V_F (V)		Condition I_F (mA)	I_R (μA)	Condition V_R (V)	I_V (mcd)	Condition I_F (mA)	λ_P (nm)	Condition I_F (mA)	$\Delta\lambda$ (nm)	Condition I_F (mA)	
			typ	max										
Ultra-high-intensity red	SELU1253CMKT	Clear	2.0	2.5	10	100	4	200	20	635	10	15	10	AlGaInP
Ultra-high-intensity amber	SELU1853CMKT	Clear	2.0	2.5	10	100	4	450	20	615	10	15	10	
Green	SEL1453CEMKT	Transparent green	2.0	2.5	10	50	3	140	20	560	10	20	10	GaP