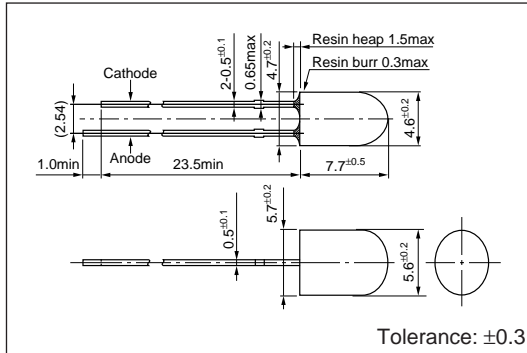


# 4.6×5.6 $\phi$ Egg-shaped LED

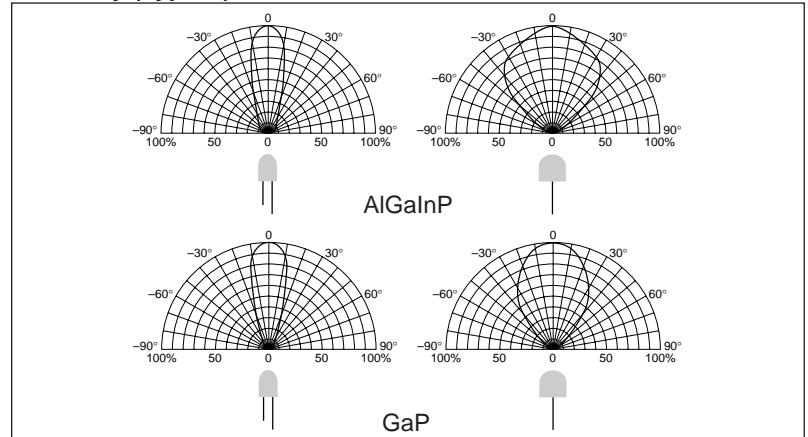
## SEL1053M Series

### External Dimensions

(Unit: mm)



### Directivity (Typical)



### Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating		Condition
		GaP	AlGaInP	
$I_F$	mA	30		
$\Delta I_F$	mA/°C	-0.45		Above 25°C
$I_{FP}$	mA	100		$f=1\text{kHz}, t_w \leq 100\mu\text{s}$
$V_R$	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	$I_R$ ( $\mu\text{A}$ )	Condition	$I_V$ (mcd)	Condition	$\lambda_P$ (nm)	Condition	$\Delta\lambda$ (nm)	Condition	
			typ	max	$I_F$ (mA)	max	$V_R$ (V)	typ	$I_F$ (mA)	typ	$I_F$ (mA)	typ	$I_F$ (mA)	
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