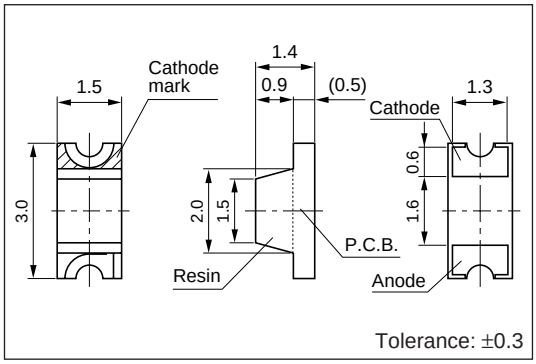
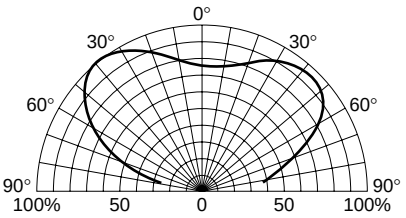
3×1.5 Surface Mount LED (Flat Lens)

SEC1001 Series

External Dimensions (Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating		Condition
		GaP/GaAsP/GaAlAs	GaN/InGaN	
I_F	mA	30		
ΔI_F	mA/°C	–0.45		Above 25°C
I_{FP}	mA	70		f=1kHz, tw≤100μs
V_R	V	4	5	
Top	°C	–30 to +85	–25 to +80	
Tstg	°C	–30 to +100		

Electrical Optical characteristics (Ta=25°C)

Emitting color	Part Number	Lens color	Forward voltage V_F (V)		Condition I_F	Reverse current I_R (μA)	Condition V_R	Intensity I_V (mcd)	Condition I_F	Peak wavelength λP (nm)	Condition I_F	Spectrum half width Δλ (nm)	Condition I_F	Chip material
			typ	max	(mA)	max	(V)	typ	(mA)	typ	(mA)	typ	(mA)	
Deep red	SEC1101C	Clear	2.0	2.5	10	100	4	1.5	20	700	10	100	10	GaP
High-intensity red	SEC1601C	Clear	1.7	2.2	10	100	4	100	20	660	10	30	10	GaAlAs
Red	SEC1201C	Clear	1.9	2.5	10	100	4	10	20	630	10	35	10	GaAsP
Amber	SEC1801C	Clear	1.9	2.5	10	100	4	16	20	610	10	35	10	
Orange	SEC1901C	Clear	1.9	2.5	10	100	4	13	20	587	10	33	10	
Yellow	SEC1701C-YG	Clear	2.0	2.5	10	100	4	25	20	570	10	30	10	GaP
Green	SEC1401C	Clear	2.0	2.5	10	100	4	22	20	560	10	20	10	
Deep green	SEC1401E-TG	Transparent green	2.0	2.5	10	100	4	11	20	558	10	20	10	
Pure green	SEC1501C	Clear	2.0	2.5	10	100	4	8.0	20	555	10	20	10	
Ultra-high-intensity pure green	SECU1D01C	Clear	3.3	4.0	20	10	5	150	20	525	20	35	20	InGaN
Ultra-high-intensity blue	SECU1E01C	Clear	3.3	4.0	20	10	5	50	20	470	20	35	20	
Blue	SEC1E01C	Clear	3.9	4.8	20	10	5	6.0	20	430	20	65	20	GaN