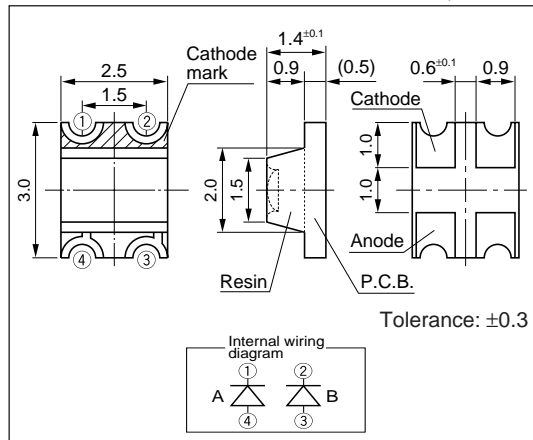


3×2.5 Bicolor Surface Mount LED (Flat Lens)

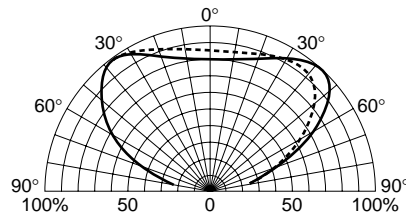
SEC2002 Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating	Condition
I_F	mA	30	
ΔI_F	mA/°C	-0.45	Above 25°C
I_{FP}	mA	70	$f=1\text{kHz}, t_w \leq 100\mu\text{s}$
V_R	V	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		Condition	I_R	Condition	I_V	Condition	λ_P	Condition	$\Delta\lambda$	Condition	
			typ	max										
A Yellow	SEC2762C-YG	Clear	2.0	2.5	10	100	4	20	20	570	10	30	10	GaP
B High-intensity red			1.7	2.2	10	100	4	20	20	660	10	30	10	GaAlAs
A Green	SEC2462C	Clear	2.0	2.5	10	100	4	20	20	560	10	20	10	GaP
B High-intensity red			1.7	2.2	10	100	4	20	20	660	10	30	10	GaAlAs
A Green	SEC2422C	Clear	2.0	2.5	10	100	4	20	20	560	10	20	10	GaP
B Red			1.9	2.5	10	100	4	10	20	630	10	35	10	GaAsP
A Green	SEC2492C	Clear	2.0	2.5	10	100	4	20	20	560	10	20	10	GaP
B Orange			1.9	2.5	10	100	4	10	20	587	10	33	10	GaAsP
A Pure green	SEC2592C	Clear	2.0	2.5	10	100	4	5.0	20	555	10	20	10	GaP
B Orange			1.9	2.5	10	100	4	10	20	587	10	33	10	GaAsP
A Green	SEC2442C	Clear	2.0	2.5	10	100	4	20	20	560	10	20	10	GaP
B Green			2.0	2.5	10	100	4	20	20	560	10	20	10	GaP
A Pure green	SEC2552C	Clear	2.0	2.5	10	100	4	5.0	20	555	10	20	10	GaP
B Pure green			2.0	2.5	10	100	4	5.0	20	555	10	20	10	GaP