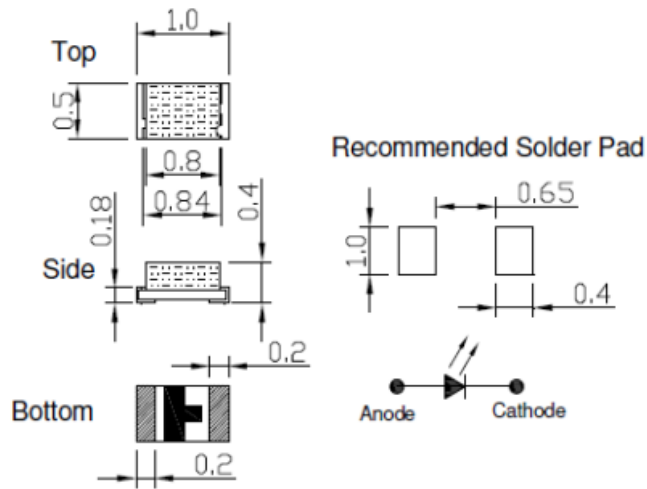
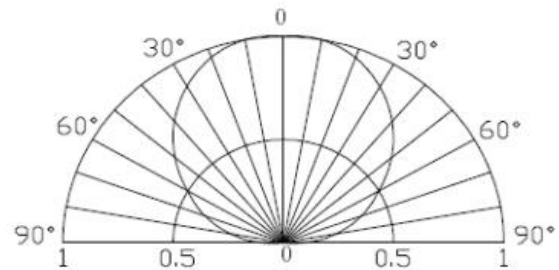


Outline Dimensions

Directivity

Electrical / Optical Characteristics (Ta=25°C)

Part No.	VF(V)			IR (µA) Max. VR=5V	Iv(mcd)			λD (nm)			2 Θ1/2 (deg) Typ. IF=20mA
	Min.	Typ.	Max.		Min.	Typ.	Max.	Min.	Typ.	Max.	
SE-SMD0402-WW1	2.8	3.2	3.6	100	250	400	600	3000-3500K			120
SE-SMD0402-CW1	2.8	3.2	3.6	100	250	400	600	6500-9000K			120
SE-SMD0402-B1	2.8	3.2	3.6	100	60	90	150	465	470	475	120
SE-SMD0402-YG1	1.8	2.0	2.6	100	20	30	40	565	570	575	120
SE-SMD0402-Y1	1.8	2.0	2.6	100	50	100	200	585	590	595	120
SE-SMD0402-O1	1.9	2.2	2.6	100	50	100	200	600	605	610	120
SE-SMD0402-R1	1.8	2.0	2.6	100	50	100	200	620	625	630	120

Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		R/YG/O/Y	B/YG/CW/WW	
DC Forward Current	IF	20	20	mA
Pulse Forward Current*	IFP	100	100	mA
Reverse Voltage	VR	5	5	V
Power Dissipation	PD	52	72	mW
Operating Temperature	Topr	-40 ~ +85		°C
Storage Temperature	Tstg	-40 ~ +85		°C
Lead Soldering Temperature	Tsol	260°C / 5 sec		-

*Pulse width Max 0.1ms, Duty ratio max 1/10