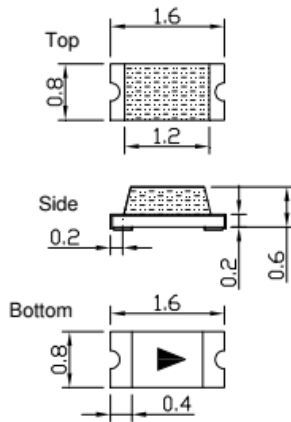
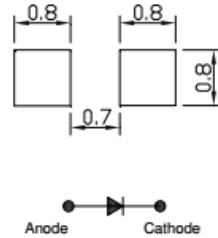
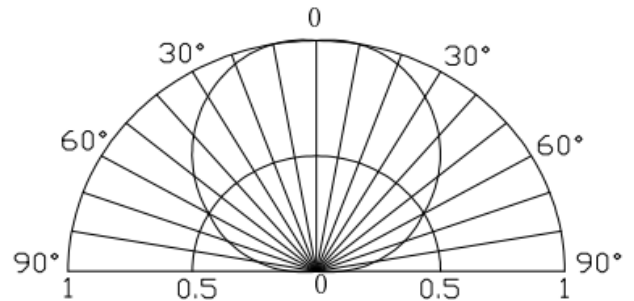


Outline Dimensions

Recommended Solder Pad


Notes: 1. All dimensions are in millimeters ;
 2. Tolerance is ± 0.20 mm unless otherwise noted.

Directivity

Electrical / Optical Characteristics (Ta=25°C)

Part No.		VF(V)			IR (uA) Max.	Iv(mcd)			λD (nm)			2 Θ1/2 (deg) Typ. IF=5mA
		Min.	Typ.	Max.		Min.	Typ.	Max.	Min.	Typ.	Max.	
SE-SMD0603-WW1	M5	2.5	2.8	3.4	10	60	-	160	X=0.44, Y=0.41			120
SE-SMD0603-CW1	W5	2.5	2.8	3.4	10	100	-	200	X=0.27, Y=0.28			120
SE-SMD0603-P1	K4	2.5	2.8	3.4	10	50	-	100	X=0.31, Y=0.20			120
SE-SMD0603-V1	VX	2.5	2.8	3.4	10	70	-	130	X=0.20, Y=0.09			120
SE-SMD0603-B1	B5	2.5	2.8	3.4	10	14	-	40	455 470 475			120
SE-SMD0603-ICE1	B6	2.5	2.8	3.4	10	80	-	200	X=0.18, Y=0.26			120
SE-SMD0603-G1	G5	2.5	2.8	3.4	10	120	-	220	520 525 530			120
SE-SMD0603-YG1	G8	1.6	1.8	2.4	10	5	-	15	565 570 575			120
SE-SMD0603-Y1	Y5	1.6	1.8	2.4	10	15	-	50	585 590 595			120
SE-SMD0603-O1	O5	1.6	1.8	2.4	10	15	-	50	600 605 610			120
SE-SMD0603-R1	R5	1.6	1.8	2.4	10	15	-	50	617 625 630			120

Tolerance of measurements of chromaticity coordinate is +10%
 Tolerance of measurements of dominant wavelength is +1nm
 Tolerance of measurements of luminous intensity is +15%
 Tolerance of measurements of luminous intensity is +15%

Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		M5/W5/K4/G5/B5/VX	Y5/O5/R5/G8	
DC Forward Current	IF	20	20	mA
Pulse Forward Current*	IFP	100	100	mA
Reverse Voltage	VR	5	5	V
Power Dissipation	PD	68	48	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

Optical and Electrical Characteristics

