

# Surface Mount LEDs

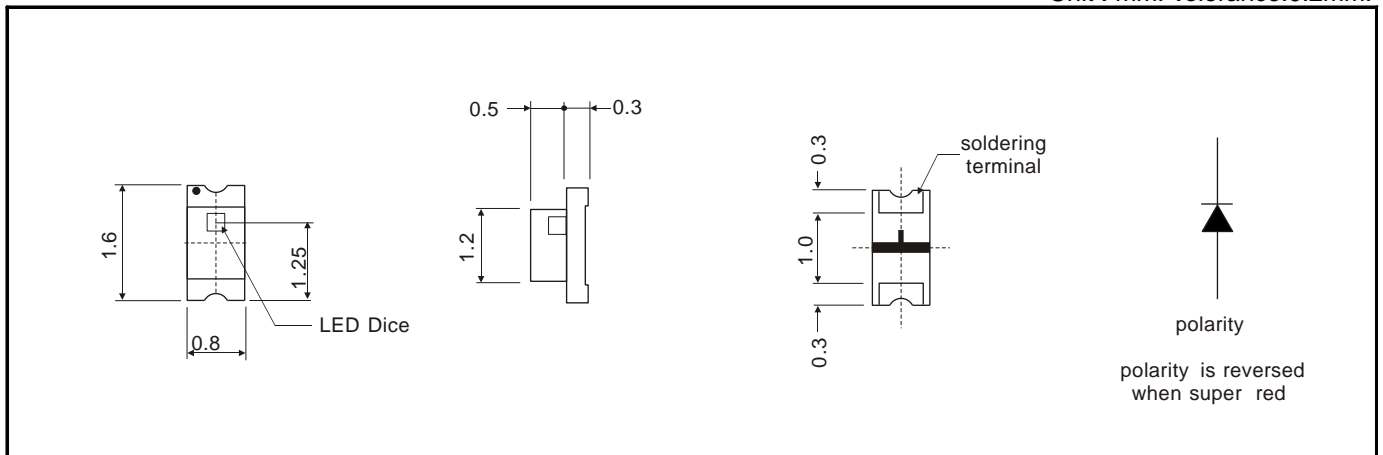
0603 Type 1.6mm(L) X 0.8mm(W) X 0.8mm(H)

IF=20mA Ta=25°C

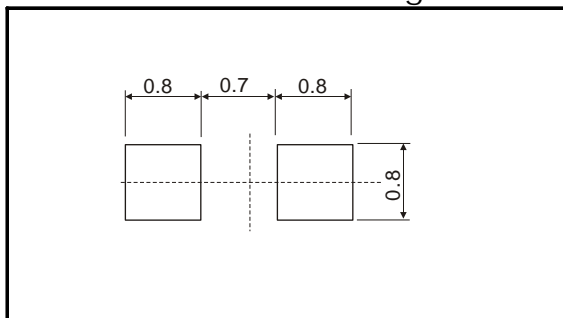
Device No	Color		Wavelength ( nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θW
	Emitter	Lens	λp	λd		Minimum	Typical	
HCL-1902	hi-red	white diffused	700	658	2.20	0.8	1.25	140
HCL-1903	yellow green	white diffused	570	567	2.15	3.2	9.5	
HCL-1903BG	super yellow green	white diffused	575	572	2.20	20.0	45.0	
HCL-1903SG	standard green	white diffused	567	564	2.15	3.2	6.5	
HCL-1903PG	pure green	white diffused	557	555	2.20	1.0	3.5	
HCL-1903BGA	super bluish green	white diffused	502	505	3.40	20.0	65	
HCL-1904	yellow	white diffused	589	585	2.10	3.0	6.5	
HCL-1904AY	super yellow	white diffused	589	588	2.00	28.0	45	
HCL-1904AYL	super yellow	white diffused	593	591	2.00	28.0	45	
HCL-1905	hi-eff red	white diffused	625	618	2.05	4.0	8.0	
HCL-1905AO	super orange	white diffused	620	615	2.00	28.0	55.0	
HCL-1905AOR	super fresh red	white diffused	635	626	2.00	28.0	45.0	
HCL-1906DR	super red	white diffused	660	643	1.80	7.0	17.0	
HCL-1906CR	super red	white diffused	660	643	1.80	12.0	25.0	
HCL-1906BR	super red	white diffused	655	638	2.10	15.0	25.0	
HCL-1907	amber	white diffused	610	606	2.05	3.0	6.0	
HCL-1907AA	super amber	white diffused	607	605	2.00	25.0	65.0	
HCL-1908CB	super blue	white diffused	468	470	3.80	20.0	40.0	
HCL-1909CW	super white	water clear	---	---	3.80	25.0	50.0	

Dimension:

Unit : mm. Tolerance:0.2mm.



Recommended Soldering Pattern:



Tape Specifications: ( 4,000pcs/Reel )

