

- ◆ Water Clear Lens Appearance
- ◆ Industry Standard Footprint
- ◆ Space Saving Design
- ◆ Ideal For Key Pad Backlights
- ◆ Works With All BivarOpto Light Pipes
- ◆ 3,000 Per Reel, Smaller Quantities Available

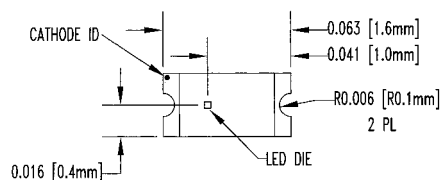
SM0603 SERIES

Sub Miniature SMD

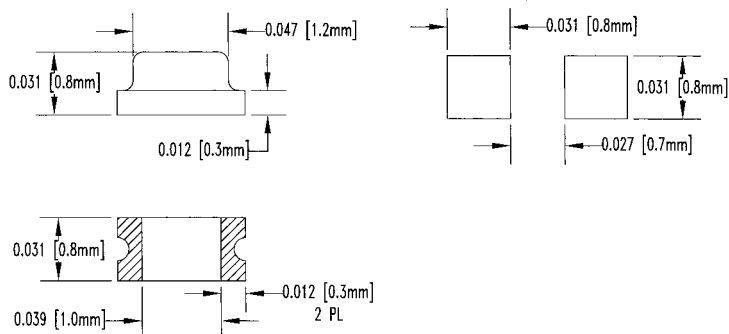
PART NO.	CHIP		LENS APPEARANCE	ABSOLUTE MAXIMUM RATINGS				ELECTRO-OPTICAL DATA @20mA		VIEWING ANGLE (deg)	
	EMITTED COLOR	PEAK (nm)		$\Delta\lambda$ (nm)	pd (mW)	If(mA)	Peak If(mA)	Vf(V)			
								TYP	MAX		
SM0603RC	RED	700	WATER CLEAR	90	50	15	50	2.3	2.6	2.0	140
SM0603GC	GREEN	568	WATER CLEAR	30	100	30	150	2.1	2.6	15.0	140
SM0603HGC	HE GREEN	568	WATER CLEAR	35	100	30	150	2.1	2.6	18.0	140
SM0603YC	YELLOW	585	WATER CLEAR	35	100	30	150	2.1	2.6	10.0	140
SM0603HC	HE RED	635	WATER CLEAR	45	100	30	150	1.9	2.6	12.0	140
SM0603AC	AMBER	610	WATER CLEAR	35	100	30	150	2.0	2.6	15.0	140
SM0603PGC	PURE GREEN	555	WATER CLEAR	25	100	30	150	2.1	2.6	2.0	140
SM0603SRC*	SUPER RED	660	WATER CLEAR	20	60	30	150	1.7	2.6	20.0	140
SM0603SRC-1*	SUPER RED	660	WATER CLEAR	20	60	30	150	1.8	2.6	25.0	140
SM0603URC*	ULTRA RED	660	WATER CLEAR	20	80	30	150	2.0	2.6	40.0	140
SM0603UOC	ULTRA ORANGE	620	WATER CLEAR	17	100	30	150	2.0	2.6	60.0	140
SM0603UYC	ULTRA YELLOW	588	WATER CLEAR	15	100	30	150	2.0	2.6	60.0	140
SM0603BWC	SUPER BLUE	430	WATER CLEAR	65	70	15	100	3.8	4.5	20.0	140
SM0603UBWC	ULTRA BLUE	470	WATER CLEAR	30	84	20	100	3.5	4.0	70	140
SM0603UWC	WHITE		WATER CLEAR	65	150	30	150	4.0	4.5	60.0	140

Absolute Maximum Ratings (TA = 25°C)

* SR/UR chip reversed polarity



RECOMMENDED FOOTPRINT FOR
SOLDER PAD LAYOUT



RADIATION DIAGRAM

