



- ◆ Water Clear Lens Appearance
- ◆ Industry Standard Footprint
- ◆ Inner Lens Design For More Focused Light Out Put
- ◆ 3,000 Per Reel, Smaller Quantities Available

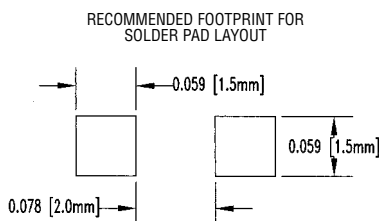
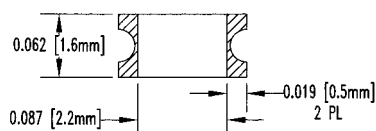
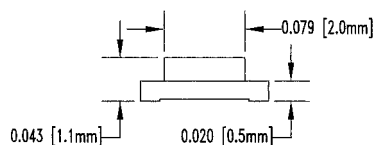
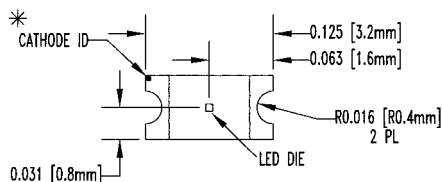


SM1206 SERIES 1206 Package

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)		Iv Typ (mcd)	
								TYP	MAX		
SM1206RC	RED	700	WATER CLEAR	90	50	15	50	2.2	2.6	3.0	140
SM1206GC	GREEN	568	WATER CLEAR	30	100	30	150	2.2	2.6	15.0	140
SM1206HGC	HE GREEN	568	WATER CLEAR	35	100	30	150	2.2	2.6	18.0	140
SM1206YC	YELLOW	585	WATER CLEAR	35	100	30	150	2.1	2.6	10.0	140
SM1206HC	HE RED	635	WATER CLEAR	45	100	30	150	2.0	2.6	12.0	140
SM1206AC	AMBER	610	WATER CLEAR	35	100	30	150	2.0	2.6	15.0	140
SM1206PGC	PURE GREEN	555	WATER CLEAR	25	100	30	150	2.2	2.6	1.5	140
SM1206SRC*	SUPER RED	660	WATER CLEAR	20	60	30	150	1.7	2.6	30.0	140
SM1206SRC-1*	SUPER RED	660	WATER CLEAR	20	60	30	150	1.7	2.6	35.0	140
SM1206UBWC	ULTRA BLUE	470	WATER CLEAR	30	84	20	100	3.5	4.0	70.0	140
SM1206URC*	ULTRA RED	660	WATER CLEAR	20	80	30	150	2.0	2.6	45.0	140
SM1206UOC	ULTRA ORANGE	620	WATER CLEAR	17	100	30	150	2.0	2.6	60.0	140
SM1206UYC	ULTRA YELLOW	588	WATER CLEAR	15	100	30	150	2.0	2.6	60.0	140
SM1206BWC	SUPER BLUE	430	WATER CLEAR	65	70	15	100	3.8	4.5	20.0	140

Absolute Maximum Ratings (TA = 25°C)

* SR/UR chip reversed polarity



RADIATION DIAGRAM

