

SMD LEDs



- ◆ Water Clear Lens Appearance
- ◆ Industry Standard Footprint
- ◆ Works With All BivarOpto Light Pipes
- ◆ 3,000 Per Reel, Smaller Quantities Available



SM0805 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)		Iv Typ (mcd)	
								TYP	MAX		
SM0805RC	RED	700	WATER CLEAR	90	50	15	50	2.3	2.6	2.0	140
SM0805GC	GREEN	568	WATER CLEAR	30	100	30	150	2.1	2.6	15.0	140
SM0805HGC	HE GREEN	568	WATER CLEAR	35	100	30	150	2.1	2.6	18.0	140
SM0805YC	YELLOW	585	WATER CLEAR	35	100	30	150	2.1	2.6	10.0	140
SM0805HC	HE RED	635	WATER CLEAR	45	100	30	150	1.9	2.6	12.0	140
SM0805AC	AMBER	610	WATER CLEAR	35	100	30	150	2.0	2.6	15.0	140
SM0805PGC	PURE GREEN	555	WATER CLEAR	25	100	30	150	2.1	2.6	2.0	140
SM0805SRC	SUPER RED	660	WATER CLEAR	20	60	30	150	1.7	2.6	20.0	140
SM0805SRC-1	SUPER RED	660	WATER CLEAR	20	60	30	150	1.8	2.6	25.0	140
SM0805URC	ULTRA RED	660	WATER CLEAR	20	80	30	150	2.0	2.6	40.0	140
SM0805UOC	ULTRA ORANGE	620	WATER CLEAR	17	100	30	150	2.0	2.6	60.0	140
SM0805UYC	ULTRA YELLOW	588	WATER CLEAR	15	100	30	150	2.0	2.6	60.0	140
SM0805BWC	SUPER BLUE	430	WATER CLEAR	65	150	30	150	4.0	4.5	20.0	140
SM0805UBWC	BLUE	470	WATER CLEAR	65	150	30	150	4.0	4.5	60.0	140

Absolute Maximum Ratings (TA = 25°C)

* SR/UR chip reversed polarity

