

SURFACE MOUNT LEDS

SMD LEDs 2.0mm x 1.2mm

- 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

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λp (nm)	Emitted Color		Δ λ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
SM0805BWC	GaN/SiC	430	BLUE	WATER CLEAR	65	150	30	120	4.0	4.5	20	140
SM0805UBWC	GaN	470	ULTRA BLUE	WATER CLEAR	65	150	30	120	4.0	4.5	90	140
SM0805UGC	InGaN	525	ULTRA GREEN	WATER CLEAR	40	120	30	120	3.2	3.8	180	140
SM0805PGC	InGaN	555	PURE GREEN	WATER CLEAR	25	100	30	120	2.1	2.6	2	140
SM0805GC	GaP	568	GREEN	WATER CLEAR	30	100	30	120	2.1	2.6	15	140
SM0805YC	GaAsP	585	YELLOW	WATER CLEAR	35	100	30	120	2.1	2.6	15	140
SM0805UYC	AlGaInP	588	ULTRA YELLOW	WATER CLEAR	15	100	30	120	2.0	2.6	60	140
SM0805AC	GaAsP	610	AMBER	WATER CLEAR	35	100	30	120	2.0	2.6	20	140
SM0805UOC	AlGaInP	620	ULTRA ORANGE	WATER CLEAR	17	100	30	120	2.0	2.6	75	140
SM0805HC	GaAsP	635	HE RED	WATER CLEAR	45	100	30	120	1.9	2.6	20	140
SM0805URC*	GaAlAs	660	ULTRA RED	WATER CLEAR	20	80	30	120	2.0	2.6	40	140
SM0805SRC*	GaAlAs	660	SUPER RED	WATER CLEAR	20	60	30	120	1.7	2.6	20	140
SM0805RC	GaP	700	RED	WATER CLEAR	90	50	15	50	2.3	2.6	3	140
SM0805UWC	GaN	X=.29 Y=.30	ULTRA WHITE	WATER CLEAR	-	150	30	120	3.5	4.2	135	140

*SR/UR Chip Reversed Polarity

