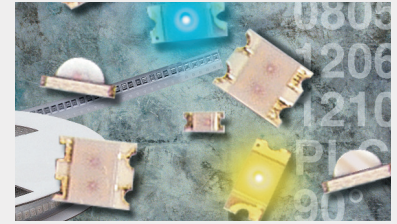


SURFACE MOUNT LEDS

SMD LEDs 3.2mm x 2.7mm

- Dual-Chip or Tri-Chip Package
- Bi-Color or Tri-Color Operation
- Industry Standard Footprint
- Works with all BivarOpto Light Pipes
- RGB Version Standard
- 3,000 per Reel, Smaller Quantities Available



SM1210 Series

Bi-Color, Tri-Color

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λ _p (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
SM1210BC	GaAsP/GaP	635	HE RED	WATER CLEAR	45	100	30	150	1.9	2.6	16	140
	GaP	568	GREEN		30	100	30	150	2.1	2.6	15	
SM1210BC-A/G	GaAsP/GaP	610	AMBER	WATER CLEAR	35	100	30	150	2.0	2.6	15	140
	GaP	568	GREEN		30	100	30	150	2.2	2.6	15	
SM1210BC-Y/G	GaP	568	GREEN	WATER CLEAR	35	100	30	150	2.1	2.6	15	140
	GaAsP/GaP	585	YELLOW		35	100	30	150	2.1	2.6	10	
SM1210BC-SR/HG	GaAlAs/GaAs	660	SUPER RED	WATER CLEAR	20	100	30	150	1.8	2.6	30	140
	GaP	560	HE GREEN		30	100	30	150	2.0	2.6	25	
SM1210RGY	GaAsP/GaP	635	HE RED	WATER CLEAR	45	100	30	150	1.9	2.6	16	140
	GaP	568	GREEN		30	100	30	150	2.1	2.6	15	
	GaAsP/GaP	585	YELLOW		35	100	30	150	2.1	2.6	10	
SM1210RGB	GaAlAs/GaAs	660	SUPER RED	WHITE DIFFUSED	20	150	30	150	1.8	2.6	30	120
	GaP	565	HE GREEN		35	150	30	150	2.2	2.6	18	
	GaN/SiC	430	SUPER BLUE		65	150	30	150	4.0	4.5	25	

