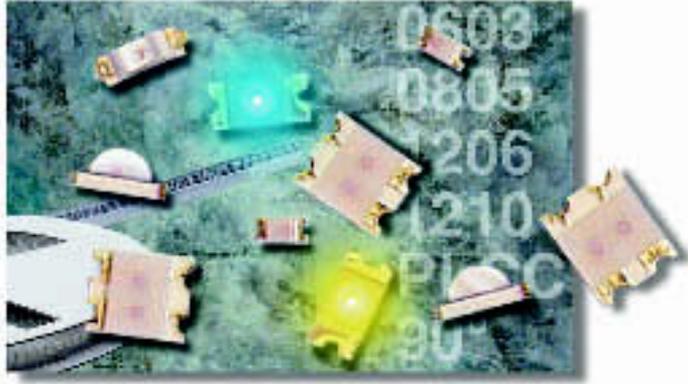


SMD LEDs



- ◆ Dual-Chip Or Tri-Chip Package
- ◆ Bi- 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 Dual Chip, Tri-Color

PART NO.	CHIP			ABSOLUTE MAXIMUM RATINGS				ELECTRO-OPTICAL DATA @20mA		VIEWING	
	EMITTED COLOR	PEAK (nm)	LENS APPEARANCE	$\Delta\lambda$ (nm)	pd (mW)	If(mA)	Peak If(mA)	Vf(V)		Iv Typ (mcd)	ANGLE (deg)
								TYP	MAX		
SM1210BC	HE RED GREEN	635 568	WATER CLEAR WATER CLEAR	45 30	100 100	30 30	150 150	1.90 2.10	2.60 2.60	16 15	140 140
SM1210BC-Y/G	YELLOW GREEN	585 568	WATER CLEAR WATER CLEAR	35 30	100 100	30 30	150 150	2.10 2.10	2.60 2.60	10 15	140 140
SM1210BC-SR/HG	SUPER RED HE GREEN	660 560	WATER CLEAR WATER CLEAR	20 30	100 100	30 30	150 150	1.80 2.00	2.60 2.60	30 25	140 140
SM1210RGB	SUPER RED HE GREEN SUPER BLUE	635 568 430	WHITE DIFFUSED WHITE DIFFUSED WHITE DIFFUSED	20 30 65	150 150 100	30 30 30	100 100 100	1.80 2.20 4.00	2.60 2.60 4.50	30 18 25	120 120 120

Absolute Maximum Ratings (TA = 25°C)

