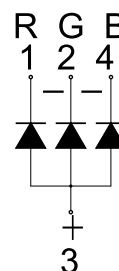
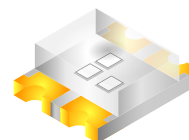
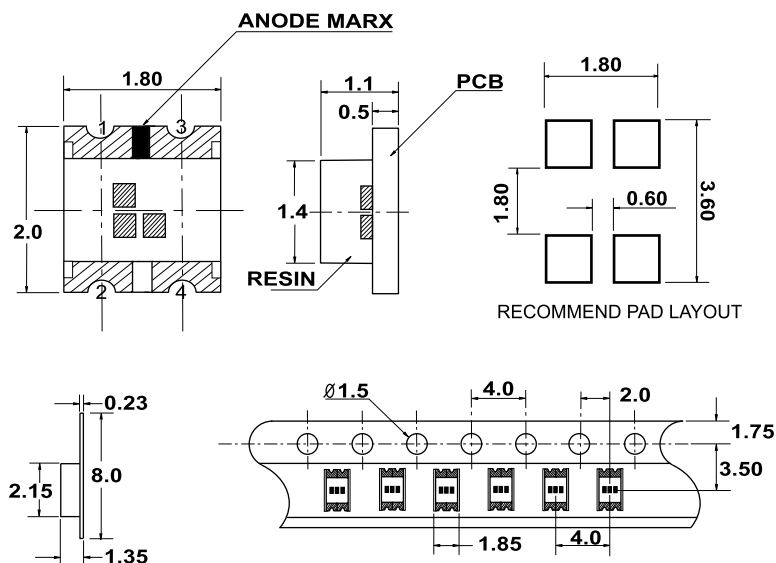


L B0805RGBC



Absolute maximum ratings(Ta=25℃)

Parameter	Symbol	Value			Unit
		R	G	B	
Power dissipation	Pd	75	114	120	mW
Forward current	If	30			mA
Reverse voltage	Vr	5			V
Operating temperature range	Top	- 20 to + 80			℃
Storage temperature range	Tstg	- 20 to + 80			℃
Peak pulsing current (1/8 duty f=1kHz)	Ifp	125			mA

Electro-Optical Characteristics(Ta=25℃)

Parameter	Test	Symbol	Value			Unit
	Condition		Min	Typ	Max	
Wavelength at peak emission	If=20mA	peak	R	635	640	nm
			G	520	525	
			B	460	465	
Spectral half bandwidth	If=20mA		R	-	21	nm
			G	-	40	
			B	-	40	
Dominant wavelength	If=20mA	dom	R	-	630	nm
			G	-	527	
			B	-	472	
Forward voltage	If=20mA	Vf	R	-	2	V
			G	-	3.2	
			B	-	3.5	
Luminous intensity	If=20mA	Iv	R	80	-	mcd
			G	67	-	
			B	40	-	
Viewing angle at 50% Iv	If=10mA	2 1/2	-	140	-	Deg
Reverse current	Vr=5V	Ir	-	-	10	A