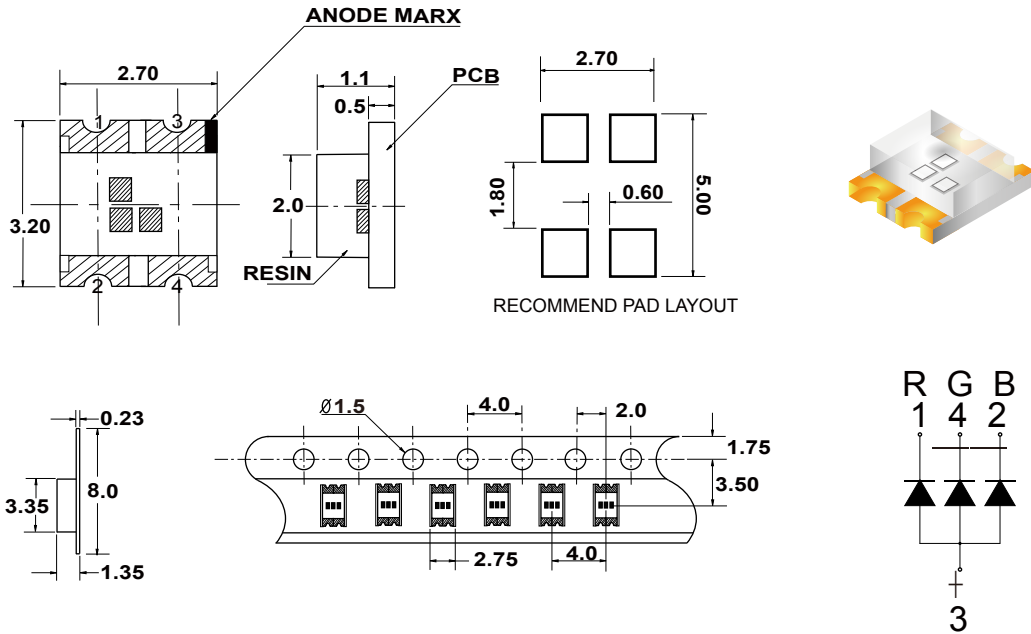


1206RGBC



Absolute maximum ratings(Ta=25°C)

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

Electro-Optical Characteristics(Ta=25°C)

Parameter	Test Condition	Symbol	Value			Unit	
			Min	Typ	Max		
Wavelength at peak emission	If=20mA	λpeak	R	-	652	-	nm
			G	-	520	-	
			B	-	460	-	
Spectral half bandwidth	If=20mA	Δλ	R	-	20	-	nm
			G	-	40	-	
			B	-	30	-	
Dominant wavelength	If=20mA	λdom	R	632	637	642	nm
			G	520	525	530	
			B	460	465	470	
Forward voltage	If=20mA	Vf	R	-	2.0	2.5	V
			G	-	3.2	3.8	
			B	-	3.2	3.8	
Luminous intensity	If=20mA	Iv	R	50	65	-	mcd
			G	100	125	-	
			B	30	35	-	
Viewing angle at 50% Iv	If=10mA	2θ1/2	-	140	-	Deg	
Reverse current	Vr=5V	Ir	-	-	10	μA	

NOTES: 1. All dimensions are in millimeter (inches), tolerance is 0.25 unless otherwise noted.
2. Specifications are subject to change without notice.