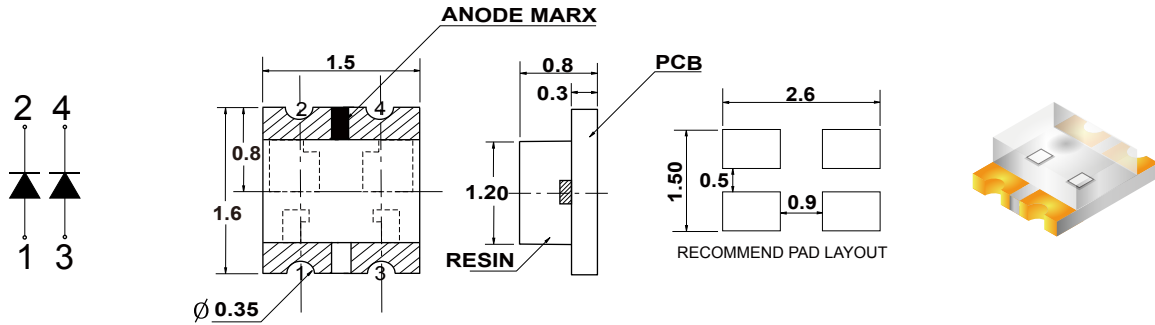


# 0603YGC



NOTES:  
 1. All dimensions are in millimeters(inches);  
 2. Tolerances are +/- 0.1mm(0.004inch) unless otherwise noted.

## ABSOLUTE MAXIMUM RATINGS(TA=25°C)

PARAMETER	SYMBOL	VALUE		UNIT
		Y	G	
POWER DISSIPATION	Pd	75	81	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	
			Y	G		
WAVELENGTH AT PEAD EMISSION	(TYP)	If=20mA	$\lambda_{peak}$	585	565	nm
SPECTRAL HALF BANDWIDTH	(TYP)	If=20mA	$\Delta\lambda$	37	32	nm
DOMINANT WAVELENGTH	(TYP)	If=20mA	$\lambda_{dom}$	588	573	nm
VIEWING ANGLE AT 50%Iv	(TYP)	If=10mA	2 $\theta$ 1/2	140		Deg
REVERSE CURRENT	(MAX)	Vr=5V	Ir	10		$\mu$ A
FORWARD VOLTAGE	(TYP)	If=20mA	Vf	2.10	2.25	V
	(MAX)			2.50	2.70	
CIE COORDINATES	(TYP)	If=20mA		0.5597	0.4618	
	(TYP)			0.4378	0.5351	
LUMINOUS INTENSITY	(TYP)	If=20mA	Iv	7	11	mcd

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