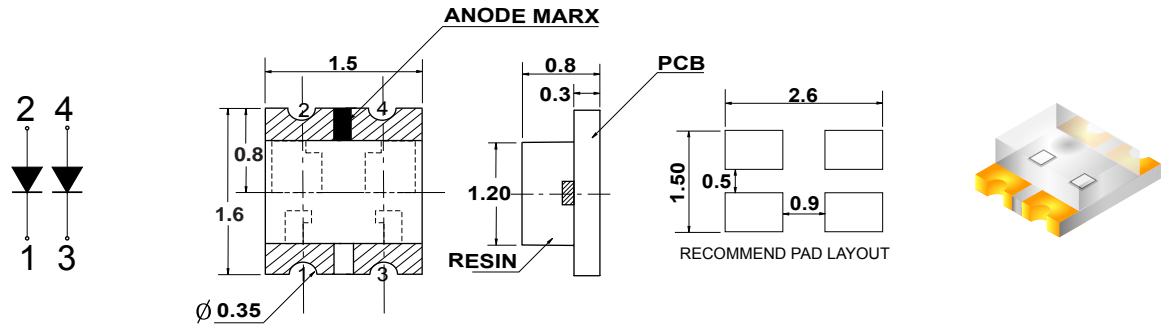


KT0603CJC



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
		R	G	
POWER DISSIPATION	Pd	72	78	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)	I _{fp}	125		mA

ELECTRO-OPTICAL CHARACTERISTICS (TA=25°C)

PARAMETER	TEST CONDITION	SYMBOL	VALUE		UNIT	
			R	G		
WAVELENGTH AT PEAD EMISSION	(TYP)	If=20mA	λ _{peak}	640	565	nm
SPECTRAL HALF BANDWIDTH	(TYP)	If=20mA	Δλ	44	32	nm
DOMINANT WAVELENGTH	(TYP)	If=20mA	λ _{dom}	627	574	nm
VIEWING ANGLE AT 50%I _v	(TYP)	If=10mA	2θ _{1/2}	140		Deg
REVERSE CURRENT	(MAX)	Vr=5V	I _r	10		μA
FORWARD VOLTAGE	(TYP)	If=20mA	V _f	1.9	2.1	V
	(MAX)			2.4	2.6	
CIE COORDINATES	(TYP)	If=20mA		0.704	0.4678	
	(TYP)			0.2958	0.5301	
LUMINOUS INTENSITY	(TYP)	If=20mA	I _v	10	18	mcd