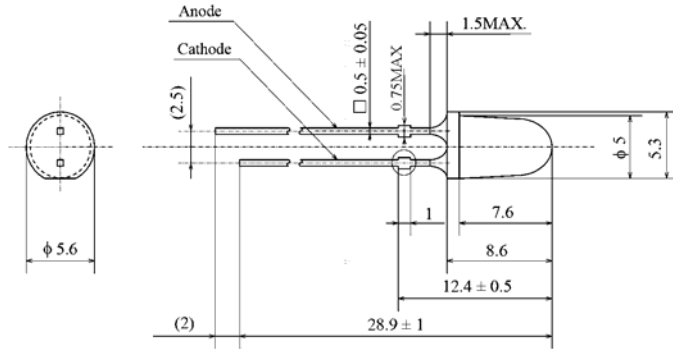




Unit 1&2, 24 Vore St, Silverwater, NSW 2128
 NSW: Tel: 02 9748 0655 Fax: 02 9748 0258
 VIC: Tel: 03 9886 7800 Fax: 03 9886 7799
 QLD: Tel: 07 3879 2133 Fax: 07 3879 2188

Email: sales@tenrod.com.au
 www.tenrod.com.au

MEGA LEDs
TKP05L51WC4
White 27000 mCd
 Ø 5mm Round



Notes:
 1. All dimensions are in millimeters
 2. Tolerance ± 0.2 mm unless otherwise noted.

Absolute Maximum Ratings $T_A=25^\circ\text{C}$

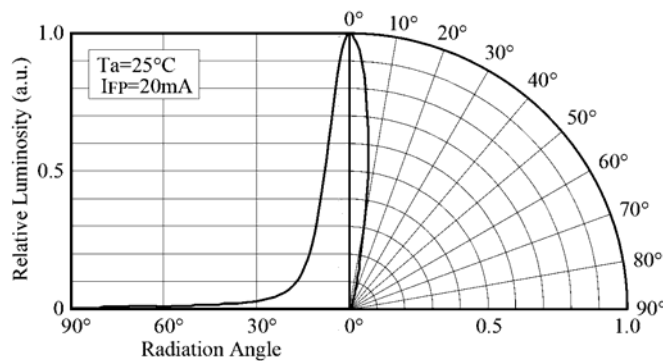
Forward Current(DC)	Pulse Forward Current ^[3]	Reverse Voltage	Power Dissipation	Operating Temperature	Storage Temperature	Lead Soldering Temperature (Dip Soldering)
I_F (mA)	I_{FP} (mA)	V_R (V)	P_D (mW)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)	T_{sld}
30	100	5	105	-30 ~ +85	-40 ~ +100	265 $^\circ\text{C}$ for 10 sec

Notes:
 3. Duty Ratio $\leq 1/10$, Pulse Width ≤ 10 ms

Initial Optical / Electrical Characteristics at $T_A=25^\circ\text{C}$

Viewing Angle	Chromaticity Coordinate ^[4]		Luminous Intensity ^[5]			Forward Voltage		Reverse Current
	x	y	Min	Typ	Max	Typ	Max	
$2\theta_{1/2}$	$I_F = 20\text{mA}$	$I_F = 20\text{mA}$	I_v (mCd) @ $I_F = 20\text{mA}$			V_F (V) @ $I_F = 20\text{mA}$		I_R (μA)
15 $^\circ$	0.31	0.32	15500	27000	44000	3.2	3.5	50

Notes:
 4. Refer to CIE 1931 chromaticity diagram, measurement tolerance ± 0.01
 5. Luminous intensity measurement $\pm 10\%$



Data Sheet: TKP05L51WC4

Date: 4 October 2007

NOTE: Specifications are subject to change without further notice