

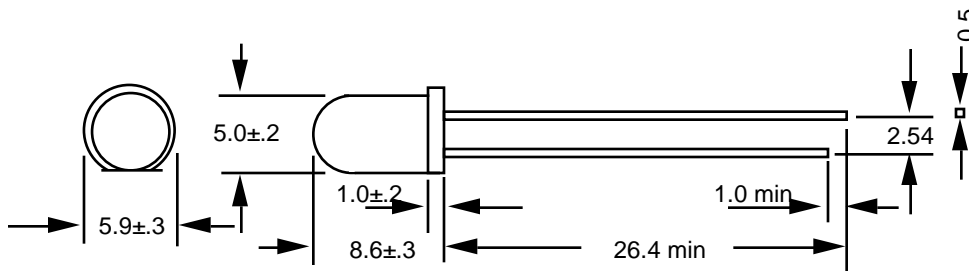
# K Series, Water Clear LED, 4251 K Series T 1 3/4, 5mm Round, Ultra Bright



These K series lamps are made with the brightest AlInGaP chips which can be used for super brightness at low current (2mA) or ultra brightness at standard current (20mA). Please note the long lead is the anode.



RoHS Compliant  
Aug 2004



## GENERAL INFORMATION

Operating Temperature Range	-30 °C to +85 °C
Storage Temperature Range	-55 °C to +100 °C
Reflow Soldering Temperature	260 °C for 5 sec max

## APPLICATION INFORMATION (ALL RATINGS AT 25 °C AMBIENT)

Part No.	Emitted Color	Peak		Absolute Maximum Ratings					E/O Characteristics					
		$\lambda$	$\Delta\lambda$	Pd (mW)	If (mA)		Ir @Vr=5V ( $\mu$ A)	Vr (V)	Iv (mcd) @If=20mA			Vf (V) @ If=20mA		$2\Theta_{1/2}$ (Deg)
		(nm)	(nm)		dc	1/10 duty @ 1 kHz			2mA	Min	Typ	Min	Typ	
KRC4251-5	Red	632	20	120	25	200	10	5	138	1500	2460	2.0	2.4	10
KRC4251-6	Red	632	20	120	25	200	10	5	167	1810	3100	2.0	2.4	10
KYC4251-5	Yellow	591	15	120	25	200	10	5	163	1720	2790	2.0	2.4	10
KYC4251-6	Yellow	591	15	120	25	200	10	5	189	2150	3440	2.0	2.4	10
KYC4251-7	Yellow	591	15	120	25	200	10	5	-	2860	3720	2.0	2.4	10
KOC4251-5	Orange	621	18	120	25	200	10	5	186	1960	3350	2.0	2.4	10
KOC4251-6	Orange	621	18	120	25	200	10	5	216	2450	4080	2.0	2.4	10
KOC4251-7	Orange	621	18	120	25	200	10	5	-	3260	4240	2.0	2.4	10
KDC4251-5	DeepRd	650	20	120	25	200	10	5	-	1090	1480	2.0	2.4	10
KYOC4251-5	YelOrng	611	17	120	25	200	10	5	-	1840	3070	2.0	2.4	10
KYOC4251-6	YelOrng	611	17	120	25	200	10	5	-	2300	3760	2.0	2.4	10
KYOC4251-7	YelOrng	611	17	120	25	200	10	5	-	3060	3980	2.0	2.4	10

Specifications subject to change without notice. Dimensions are in mm $\pm$ 0.3 unless stated otherwise.

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