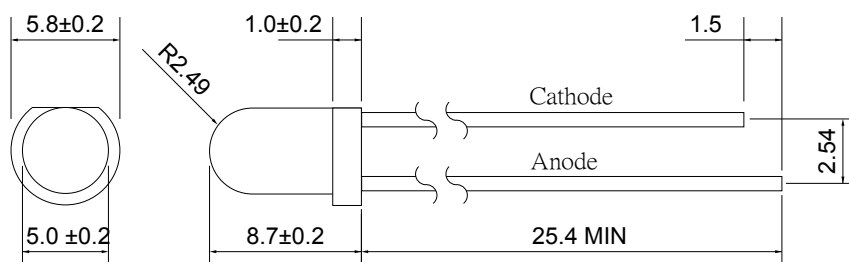


KTL050ACI-U



- * 5mm with Red Dice.
- * Encapsulated with Water Clear Package.
- * long leads.

Absolute Maximum Ratings:

Parameter	Maximum Rating	Unit
Peak forward Current	120	mA
Continuous forward Current	20	mA
Operating Temperature Range	-20°C to $+75^{\circ}\text{C}$	
Storage Temperature Range	-40°C to $+100^{\circ}\text{C}$	
Lead Soldering Temperature	260°C for 5 seconds	

Electro - Optical Characteristics ($T_a=25^{\circ}\text{C}$)

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	$I_f=20\text{mA}$	V_f			1.9	V
Reverse Current	$V_r=5\text{V}$	V_r			10	μA
Luminous Intensity	$I_f=20\text{mA}$	I_v		5800		mcd
Spectral Bandwidth	$I_f=20\text{mA}$	$\Delta\lambda$				nm
Wavelength	$I_f=20\text{mA}$	λ_p		660		nm
Half View Angle	$I_f=20\text{mA}$	$2\theta_{1/2}$		30		deg