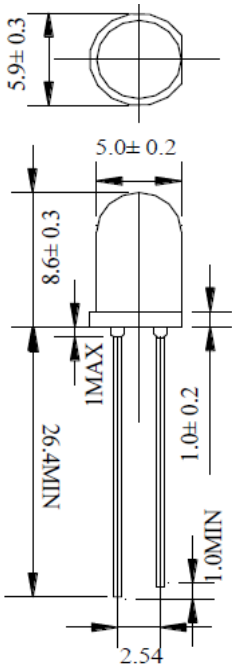


Package Dimension:



Absolute Maximum Ratings at Ta=25

Parameter	Symbol	Absolute maximum Rating	Unit
Continuous Forward Current	I_F	30	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	I_{FP}	80	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	70	mW
Operating Temperature Range	T_{opr}	-30 to +85	°C
Storage Temperature Range	T_{stg}	-40 to +100	°C
Lead Soldering Temperature [3mm From Body]	T_{sld}	260°C for 5Seconds	

Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Test Condition	Min.	Type.	Max.	Unit
Forward Voltage	V_F	$I_F = 20\text{mA}$	1.7	---	2.3	V
Reverse Current	I_R	$V_R = 5\text{V}$	---	---	10	μA
Peak Wavelength	λP	---	640	---	650	NM
Luminous Intensity	I_V	$I_F = 20\text{mA}$	150	---	200	mcd
Viewing Angle	$2\theta_{\frac{1}{2}}$	$I_F = 20\text{mA}$	---	10°	15°	deg