

LED21-525D25

525nm 25um Green Dot LED Frameless 2121 SMD Package



Features

- 525nm wavelength range
- \varnothing 25um Emitting area
- 2121 SMD package

Applications

- Point Source
- Sensors

Absolute Maximum Ratings

Parameter	Rating
Storage Temperature	-40 to +100°C
Operating Temperature	-20 to +70°C
Lead Solder Temperature	260°C, 5 sec
Continuous Forward Current	5mA
Continuous Reverse Voltage	5V (@10uA)

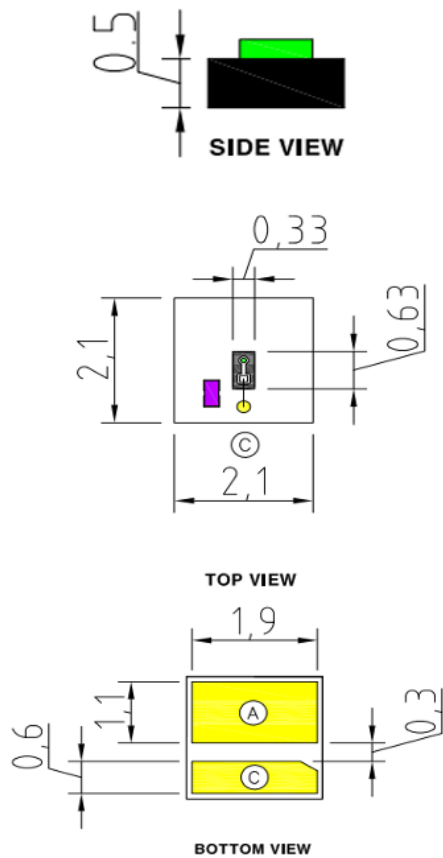
Electrical and Optical Characteristics ($T_a = 25^\circ\text{C}$ unless otherwise stated)

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Total Radiant Flux	Φ_o		10		uW	$I_f = 2\text{mA}$
Peak Wavelength	λ_p		525		nm	$I_f = 2\text{mA}$
Forward Voltage 1	V_f	2.4		3.0	V	$I_f = 700\text{uA}$
Forward Voltage 2	V_f	2.6		3.3	V	$I_f = 2\text{mA}$
Forward Current	I_f	0.01	-	5	mA	

Emitting Mode (Green Dot, $I_f=10\mu A$)



Mechanical Outline (unit: mm)



Pinout Configuration

Pin	Function
A	Anode
C	Cathode

Notes

- Do not operate the device above maximum ratings. Doing so may cause unexpected and permanent damage to the device.
- Take precautions to avoid electrostatic discharge and/or momentary power spikes. A change in the characteristics of the laser or premature failure may result.
- Specifications are subject to change without notice. Ensure that you have the latest specifications by contacting us prior to purchase or use of the product.