

## LED35-525DC25

### 525nm Green Dot Circle LED Black 3522 SMD Package

#### Features

- 525nm wavelength range
- Two emitting modes
- Top size cathode, Bottom side anode
- Dot emitting area  $\varnothing 25\mu\text{m}$
- Inner circle  $\varnothing 400\mu\text{m}$
- Outer circle  $\varnothing 430\mu\text{m}$
- 3522 SMD package

#### Applications

- Point Source
- Sensors

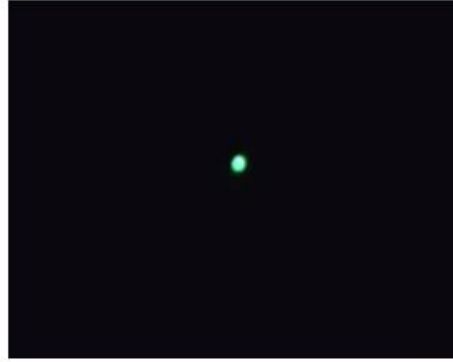
#### Absolute Maximum Ratings

Parameter	Rating
Storage Temperature	-40 to +100°C
Operating Temperature	-20 to +70°C
Lead Solder Temperature	260°C, 5 sec
Continuous Forward Current	12mA
Continuous Reverse Voltage	5V (@10uA)

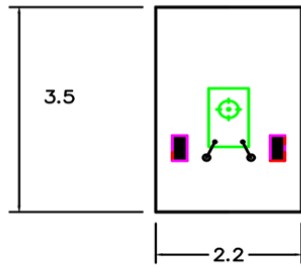
#### Electrical and Optical Characteristics ( $T_a = 25^\circ\text{C}$ unless otherwise stated)

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Total Radiant Flux 1	$\Phi_{o1}$		290		uW	$I_f = 2\text{mA}$
Total Radiant Flux 2	$\Phi_{o2}$		80		uW	$I_f = 2\text{mA}$
Peak Wavelength	$\lambda_p$		525		nm	$I_f = 2\text{mA}$
Forward Voltage 1	$V_{f1}$		2.4	2.6	V	$I_f = 2\text{mA}$
Forward Voltage 2	$V_{f2}$		3.3	3.6	V	$I_f = 2\text{mA}$
Forward Current	$I_f$	0.01	-	5	mA	

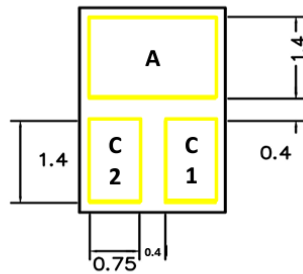
**Emitting Mode (Circle, Dot)**



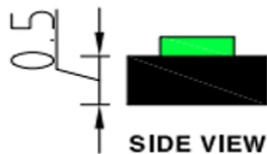
**Mechanical Outline (unit: mm)**



**TOP VIEW**



**BOTTOM VIEW**



**SIDE VIEW**

**Pinout Configuration**

Pin	Function
A	Anode
C1	Circle
C2	Dot

**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.