

P-tec Corp. Tel:(800)688-0613  
 2405 Commerce Circle Tel:(719) 589 3122  
 Alamosa Co. 81101 Fax:(719) 589 3592  
 www.p-tec.net sales@p-tec.net



## PL00235 Series SMD LED Right Angle 0623 Package

### Features

- \*Flat Lens Side View Package 1.6 x 1.0 x 0.6mm
- \*GaN Ultra Bright Blue Chip used
- \*Low Current Requirements
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*2000 or 1000 pcs per Reel
- \*RoHS Compliant

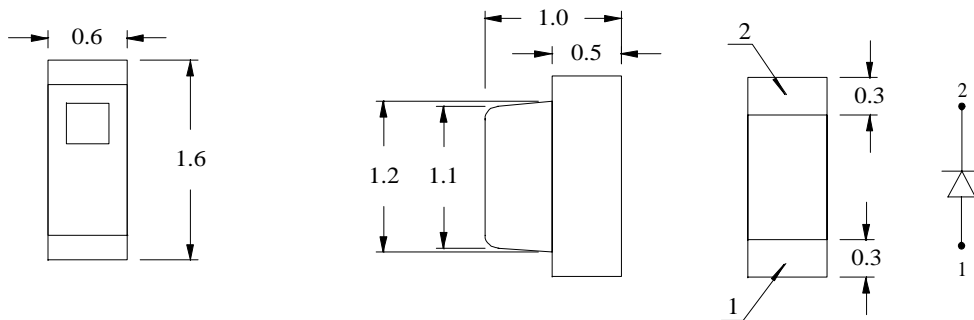
### Absolute Maximum Ratings at T<sub>A</sub> = 25°C

Power Dissipation.....	120mW
Reverse Voltage (<100μA).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-40°C to + 85°C
Storage Temperature Range.....	-40°C to + 85°C
Reflow Soldering Temperature.....	260°C for 10 seconds

### Electrical & Optical Characteristics at T<sub>A</sub> = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ1/2	Forward Voltage @ 20mA (V)		Luminous Intensity @ 20mA (mcd)	
						Typ	Max	Min	Typ
Water Clear Lens			nm	nm	Deg				
PL00235-WCB08	Blue	InGaN	—	470	120°	3.5	4.0	25.0	40.0

Package Dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.



### Recommended Soldering Pad Layout

