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## 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 White Chip used
- \*Low Current Requirements
- \*High Light Output
- \*Compatible with IR Solder-Process
- \*Industry Standard Footprint
- \*2000 or 1000 pcs per Reel
- \*RoHS Compliant

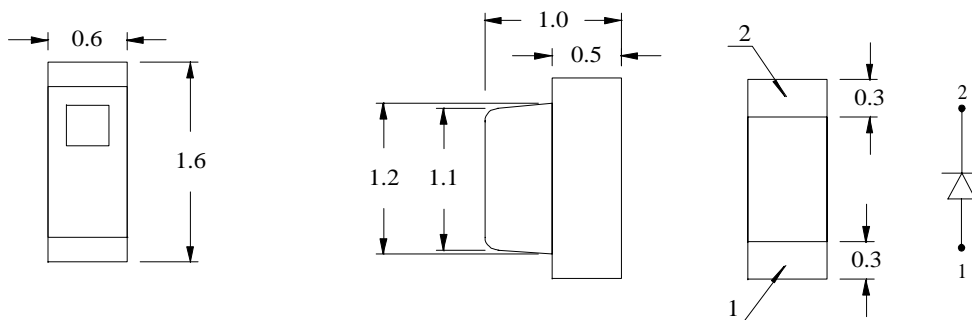
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	120mW
Reverse Voltage (<100 $\mu$ A).....	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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Chromaticity Coordinates		Viewing Angle 2 $\theta$ 1/2 Deg	Forward Voltage @ 20mA (V)		Luminous Intensity @ 20mA (mcd)	
			X	Y		Typ	Max	Min	Typ
Water Clear Lens									
PL00235-WCW03	White	GaN	0.31	0.31	120°	3.5	4.0	50.0	135.0

Package Dimensions are in **Millimeters**. Tolerance is  $\pm 0.15\text{mm}$  unless otherwise specified.



### Recommended Soldering Pad Layout

