

## PL302ST Series 3mm LED Right Angle Single Holder

### Features

- \*Right Angle PCB Indicator
- \*Housing Material Black Nylon UL94V-2
- \*1 Ultra Bright Blue Led with Color Diffused Lens used
- \*LED has an integrated Zener Diode for ESD protection
- \*RoHS Compliant

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

Power Dissipation.....	120mW
Reverse Voltage (<100 μA).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Soldering Temperature (1.6 mm below body).....	260°C for 5 seconds
Electrostatic Discharge.....	6000V

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

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg				
PL302ST-1B20Z	Blue	InGaN	—	465	55°	3.2	4.4	45.0	100.0

All dimensions are in **Millimeters**. Tolerance is ± 0.5mm unless otherwise specified.

