

P-tec Corp. Tel:(866) 695 4162
 2405 Commerce Circle Tel:(719) 589 3122
 Alamosa CO 81101 Fax:(719) 589 3592
 www.p-tec.net



PL302ST Series 3mm LED Right Angle Single Holder

Features

- *Right Angle PCB Indicator
- *Housing Material Black Nylon UL94V-2
- *1 Blue Led with Color Diffused Lens used
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	135mW
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.....	1000V

Electrical & Optical Characteristics at T_A = 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	Typ	Max	Min	Typ
PL302ST-1B01	Blue	GaN on SiC	428	466	55°	3.8	4.5	30.0	50.0

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

