



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 $T_A = 25^\circ\text{C}$

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
Reverse (Leakage) Current.....	50 μA
Operating Temperature Range.....	-25 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range.....	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260 $^\circ\text{C}$ for 5 seconds

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle $2\theta_{1/2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL302ST-1B20	Blue	InGaN/Sapphire	--	465	55 $^\circ$	3.8	4.0	60.0	130.0

All dimensions are in **Millimeters**. Tolerance is $\pm 0.5\text{mm}$ unless otherwise specified.

