

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



PL515 Series 5mm LED Right Angle Bi-Level Holder

Features

- *Space Saving Bi-Level Circuit Board Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *2 Yellow LEDs with Color Diffused Lens used
- *LEDs are arranged from Top to Bottom
- *RoHS Compliant

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

Power Dissipation.....	78mW
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 $^\circ\text{C}$ 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
PL515-2Y01	Yellow	GaAsP	585	590	30 $^\circ$	2.1	2.6	13.0	33.0

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

