



PL309 Series 3mm LED Bi-Level Right Angle Holder

Features

- *Space Saving Bi-Level PCB Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *2 Bi-Color Green/Hi-Eff Red LEDs with White Diffused Lens used
- *LEDs 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°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260°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)		Lumious Intensity @20mA (mcd)	
			nm	nm	Deg	Typ	Max	Typ	Max
PL309-2GR1312	Orange-Red Green	GaAsP GaP	635	626	95°	2.1	2.6	8.0	14.0
			567	572	95°	2.1	2.6	7.0	12.0

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

