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## PL308 Series 3mm LED Right Angle Bi-Level Holder

### Features

- \*PL07 LED used
- \*Available with Integrated Current Limiting Resistors for 5V and 12V Operation
- \*Side stackable with Alignment Groove
- \*Housing Material Black Nylon UL94V-2
- \*Low Current, Super & Ultra Bright and Bi-Color available
- \*Multi Color Combinations available
- \*Color Transparent (CT) Water Clear (WC) White Diffused (WD) Lens available
- \*Ideal PC Board Indicator

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

Reverse Voltage ( $<100 \mu\text{A}$ ).....	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.....	$-25^\circ\text{C}$ 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	Material	Peak Wave Length	View Angle $2\theta \frac{1}{2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
					Typ	Max	Min	Typ
Color Diffused			(nm)	Deg				
PL308-2B02	Blue	GaN on SiC	430	$54^\circ$	3.8	4.5	35.0	60.0
PL308-2R24	Bright Red	GaP	700		2.1	3.0	1.9	3.2
PL308-2R12	Hi-Eff Red	GaAsP on GaP	635		2.1	3.0	10.4	17.3
PL308-2G13	Green	GaP	567		2.1	3.0	9.1	15.1
PL308-2Y01	Yellow	GaAsP on GaP	585		2.1	3.0	7.4	12.3
PL308-2A02	Amber	GaAsP on GaP	610		2.1	3.0	10.4	17.3
PL308-2O12	Orange	GaAsP on GaP	635		2.1	3.0	10.4	17.3

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

