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## PL102 Series 1.8mm Miniature Bi-Level LED Holder

### Features

- \*Miniature Bi-Level LED Holder, Right Angled
- \*Space saving Circuit Board Indicator
- \*High Light Output
- \*Housing Material Black Nylon UL94V-2
- \*1 Yellow & 1 Green LED with Color 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 (<math><100 \mu\text{A}</math>).....	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 $2\theta \frac{1}{2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg				
PL102-1Y1G0113	Yellow Green	GaAsP GaP	585 567	590 572	$30^\circ$	2.1	2.6	20.0 25.0	37.0 45.0

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

