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## PL506 Series 5mm LED Bi-Color Right Angle Holder

### Features

- \*Popular right angle PCB indicator
- \*Housing material black nylon UL94V-2
- \*High light output
- \*1 Bright red LED and 1 yellow green with white diffused lens used
- \*Reliable and rugged
- \*RoHS Compliant

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

Power Dissipation.....	72mW
Reverse Voltage (<100 $\mu$ 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.....	-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	Typ
White Diffused Lens			nm	nm	Deg	Typ	Max	Typ
PL506-1RG1213	Red/Yellow Green	GaAsP/GaP	635/567	626/572	95 $^\circ$	2.1/2.1	2.6/2.6	15.0/13.0

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

