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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°C

Power Dissipation	72mW
Reverse Voltage (<100μA)	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°C
Storage Temperature Range	-40°C to +100°C
Soldering Temperature (1.6 mm below body)	260°C for 5 seconds

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)
White Diffused Lens			nm	nm	Deg	Typ	Max	Typ
PL506-1RG1213	Red/Yellow Green	GaAsP/GaP	635/567	626/572	95°	2.1/2.1	2.6/2.6	15.0/13.0

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

