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PL505 Series 5mm LED Single Right Angle Holder

Features

- *Popular Right Angle PCB Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *1 Hi-Eff Red Led with Color Diffused Lens used
- *Reliable and Rugged
- *RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation.....	78mW
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° 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)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg				
PL505-1R12	Orange-Red	GaAsP	635	626	30°	2.1	2.6	19.0	39.0

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

