

PL505/506 SERIES RIGHT ANGLE 5MM LED HOLDER

Features

- *housing material black Nylon
- *low current requirements
- *uses **PL25** or **PL15** (5mm) LED series available with **5V** and **12V** integrated current limiting resistor, **low current** and **bi-color**
- ***PL25** is used for a 5.0mm protrusion (**PL505**)
- ***PL15** is used for a 3.9mm protrusion (**PL506**)
- *both available in dual, triple, quad and quint LED versions

Absolute Maximum Ratings at T_A = 25 °C

Reverse Voltage (<100 mA)	5.0V(4.0V for Super red)
Max Forward Current	20mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	25°C to + 85°C
Storage Temperature Range	- 25°C to +100°C
Soldering Temperature 4mm below body	260° for 5 seconds

Electrical & Optical Characteristics at T_A = 25 °C

Part number		Emitting Color	Peak Wave length	View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)			
							PL501		PL502	
4.4mm	3.3mm		(nm)	degrees	typ	max	min	typ	min	typ
PL505-1R	PL506-1R	Bright red	700		2.1	3.0	2.5	4.1	2.5	4.1
PL505-1H	PL506-1H	Hi-eff. red	635	PL505	2.1	3.0	14.4	24.0	14.0	23.2
PL505-1G	PL506-1G	Green	567	50°	2.1	3.0	12.4	20.7	12.0	20.0
PL505-1Y	PL506-1Y	Yellow	585		2.1	3.0	10.3	17.1	9.9	16.4
PL505-1A	PL506-1A	Amber	610	PL506	2.1	3.0	14.4	24.0	14.0	23.2
PL505-1O	PL506-1O	Orange	635	38°	2.1	3.0	14.4	24.0	14.0	23.2
PL505-1S	PL506-1S	Super red	660		1.7	2.2	98.0	163	94.5	156

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

