

PL519M Series 5mm LED Snap-in Panel Mount Holder

Features

- *Snap-in Design Requires no Hardware
- *Mounting Hole 7.2 mm (0.287")
- *Housing Material Black Nylon UL94V-2
- *1 Three Leaded Bi-Color Super Red/Green LED with White Diffused Lens used
- *Standard Terminals
- *Common Cathode
- *RoHS Compliant

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

Power Dissipation Red.....	66mW
Power Dissipation Green.....	78mW
Reverse Voltage (<100 μ 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 nm	Dominant Wave Length nm	Viewing Angle 2 θ 1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL519M-1RG2115	Deep Red Green	AlGaAs GaP	660 567	643 572	70 $^\circ$	1.8 2.1	2.2 2.6	50.0 30.0	90.0 50.0

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

