

## 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 Hi-Eff 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.....	78mW
Reverse Voltage (<math><100\mu\text{A}</math>).....	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)	
			nm	nm	Deg	Typ	Max	Min	Typ
PL519M-1RG1213	Orange-Red Green	GaAsP GaP	635 567	626 572	$70^\circ$	2.1	2.6	14.0 14.0	35.0 34.0

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

