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## PL103 Series 1.8mm Miniature Tri-Level LED Holder

### Features

- \*Miniature Tri-Level LED Holder, Right Angled
- \*Space saving Circuit Board Indicator
- \*High Light Output
- \*Housing Material Black Nylon UL94V-2
- \*1 Bright Red, 1 Green, 1 Yellow LED with Color Diffused Lens used
- \*Color Arranged from Top to Bottom
- \*RoHS Compliant

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

Power Dissipation (Red).....	90mW
Power Dissipation (Green & Yellow).....	78mW
Reverse Voltage (<100 $\mu\text{A}$ ).....	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 $T_A = 25^\circ\text{C}$

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)	
						Typ	Max	Min	Typ
			nm	nm	Deg				
PL103-1R1Y1G240113	Red Yellow Green	GaP GaAsP GaP	700 585 567	650 590 572	30°	2.1 2.1 2.1	3.0 2.6 2.6	4.0 20.0 25.0	8.0 37.0 45.0

All dimensions are in **Millimeters**. Tolerance is  $\pm 0.5\text{mm}$  unless otherwise specified.

