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PL104 Series 1.8mm Miniature Quad Level LED Holder

Features

- *Miniature Quad Level LED Holder, Right Angled
- *Space saving Circuit Board Indicator
- *High Light Output
- *Housing Material Black Nylon UL94V-2
- *1 Bright Red, 1 Yellow and 2 Green LEDs with Color Diffused Lens used
- *LEDs 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 (<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°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-40°C to $+100^\circ\text{C}$
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 $2\theta \frac{1}{2}$	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
	Color Diffused Lens		nm	nm	Deg				
PL104-1R1Y2G240113	Red	GaP	700	650	30°	2.1	3.0	4.0	8.0
	Yellow	GaAsP	585	590		2.1	2.6	20.0	37.0
	Green	GaP	567	572		2.1	2.6	25.0	45.0

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

