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PL311 Series 3mm LED Tri-Level Right Angle Holder

Features

- *Space Saving Tri-Level PCB Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *1 Hi-Eff Red, 1 Yellow & 1 Green LED 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.....	78mW
Reverse Voltage (<100 μA).....	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 $2\theta_{1/2}$	Forward Voltage @20mA (V)		Lumious Intensity @20mA (mcd)	
						Typ	Max	Typ	Max
Color Diffused Lens			nm	nm	Deg	Typ	Max	Typ	Max
PL311-1R1Y1G120113	Orange-Red	GaAsP	635	626	55°	2.1	2.6	10.0	20.0
	Yellow	GaAsP	585	590		2.1	2.6	9.0	20.0
	Green	GaP	567	572		2.1	2.6	9.0	17.0

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

