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PL309 Series 3mm LED Right Angle Bi-Level Holder

Features

*Space Saving Bi-Level PCB Indicator
*Housing Material Black Nylon UL94V-2
*High Light Output
*1 Hi-Eff Red and 1 Green LED with Color Diffused Lens used
*Leds are arranged from Top to Bottom
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°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°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°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
Color Diffused Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL309-1R1G1213	Hi-Eff Red Green	GaAsP GaP	635 567	626 572	55°	2.1 2.1	2.6 2.6	10.0 9.0	20.0 17.0

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified.

