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PL07 Series 3mm (T1) LED

Features

*Popular 3mm Lens Style with small Flange
*1 GaN/SiC Blue Chip used
*Color Diffused Lens with a Wide Viewing Angle
*High Intensity
*Low Current Requirement
*Reliable and Rugged
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	135mW
Reverse Voltage (<50μA)	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 (1.6mm 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
PL07-CDB01	Blue	GaN/SiC	428	466	80°	3.8	4.5	4.5	10.0

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. An epoxy meniscus may extend about 1 mm down the leads.

