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## PL15 Series 5mm (T1¾) LED

### Features

- \*Popular 5mm Low Profile Lens Style without Flange
- \*GaP Red LED Chip used
- \*Low Current Requirements
- \*High Light Output
- \*Reliable & Rugged
- \*IC compatible
- \*RoHS Compliant

### Absolute Maximum Ratings at T<sub>A</sub> = 25°C

Power Dissipation.....	90mW
Reverse Voltage (<100µA) .....	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<sub>A</sub> = 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)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg				
PL15-CDR24	Red	GaP	700	650	38°	2.1	2.6	2.0	5.0

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

