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## PL505 Series 5mm Quad-Level CBI LED

### Features

- \*4 Wide Circuit Board Indicator LED, Right Angled
- \*Housing Material Black Nylon UL94V-2
- \*4 Deep Red LEDs with Color Diffused Lens
- \*Rugged and Durable
- \*RoHS Compliant

### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation .....	78mW
Reverse Voltage (<100 $\mu\text{A}$ ).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-40°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 $T_A = 25^\circ\text{C}$

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 20 ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
Color Diffused Lens			nm	nm	Deg				
PL505-4R21	Deep Red	AlGaAs	660	643	38°	1.8	2.2	90.0	160.0

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

