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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 Orange-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 μA)..... | 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 |
| PL505-4R12 | Orange-Red | GaAsP | 635 | 626 | 38° | 2.1 | 2.6 | 14.0 | 29.0 |

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

