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PL515 Series 5mm LED Right Angle Bi-Level Holder

Features

- *Space Saving Bi-Level Circuit Board Indicator
- *Housing Material Black Nylon UL94V-2
- *High Light Output
- *2 Hi-Eff Red LEDs with Color Diffused Lens used
- *LEDs are arranged from Top to Bottom
- *RoHS Compliant

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

| | |
|---|--|
| Power Dissipation..... | 78mW |
| Reverse Voltage (<100 μ A)..... | 5.0V |
| Max Forward Current..... | 30mA |
| Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width) | 100mA |
| Operating Temperature Range | -25 $^\circ\text{C}$ to + 85 $^\circ\text{C}$ |
| Storage Temperature Range | -40 $^\circ\text{C}$ to + 100 $^\circ\text{C}$ |
| Soldering Temperature (1.6 mm below body)..... | 260 $^\circ\text{C}$ 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 $2\theta_{1/2}$ | Forward Voltage @20mA (V) | | Luminous Intensity @20mA (mcd) | |
|---------------------|----------------|---------------|------------------|----------------------|-------------------------------|---------------------------|-----|--------------------------------|------|
| | | | | | | Typ | Max | Min | Typ |
| Color Diffused Lens | | | nm | nm | Deg | | | | |
| PL515-2R12 | Hi-Eff Red | GaAsP | 635 | 625 | 30 $^\circ$ | 2.1 | 2.6 | 19.0 | 39.0 |

Package Dimensions are in **Millimeters**. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

