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## PL318 Series 3mm LED Snap-in Holder

### Features

- \*Snap-In Panel Mount Indicator
- \*Mounting Hole 4 mm (.156")
- \*No mounting Hardware required
- \*Housing Material Black Nylon UL94V-2
- \*1 Yellow LED with Color Diffused Lens used
- \*26AWG 6" (+) Red and (-) Black Wire Leads
- \*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.....                               | -25°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 $2\theta_{1/2}$ | Forward Voltage @20mA (V) |     | Lumious Intensity @20mA (mcd) |      |
|---------------|----------------|---------------|------------------|----------------------|-------------------------------|---------------------------|-----|-------------------------------|------|
|               |                |               |                  |                      |                               | Typ                       | Max | Typ                           | Max  |
| 6" Wire Leads |                |               | nm               | nm                   | Deg                           |                           |     |                               |      |
| PL318-1Y01-2  | Yellow         | GaAsP         | 585              | 590                  | 54°                           | 2.1                       | 2.6 | 10.0                          | 23.0 |

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

