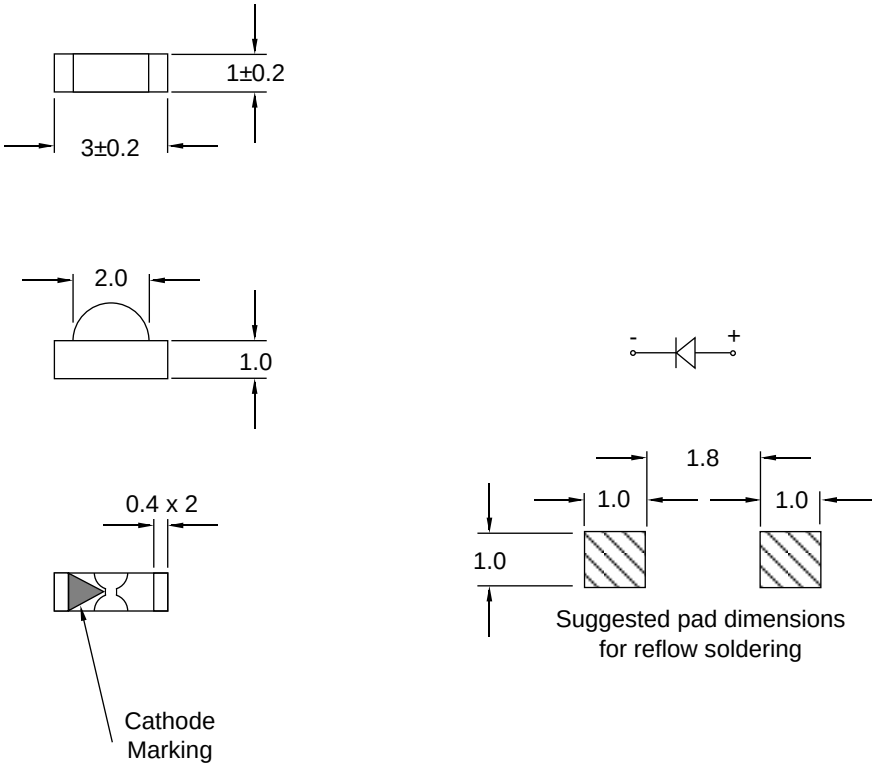
# Surface Mount LED J Series for low current or superbright use, 0128 Series Right Angle Lens

The 0128 series lamps are miniature chip type designed for two-way surface mounting. Mounted normally, these lamps can be used as circuit board status indicators or as backlight for switches or key pads. Mounted at right angles these lamps are miniature through the panel indicators. These lamps are in EIA481 tape and reel packaging with approximately 2000 pcs per reel.

RoHS Compliant
Aug 2004




## GENERAL INFORMATION

| | |
|---|---|
| Operating Temperature Range | -40 °C to +85 °C |
| Storage Temperature Range | -40 °C to +90 °C |
| Reflow Soldering Temperature | 260 °C for 5 sec max |

## APPLICATION INFORMATION (ALL RATINGS AT 25 °C AMBIENT)

| Part No. | Emitted Color | Peak λ | Δλ | Absolute Maximum Ratings | | | | | E/O Characteristics | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Pd | If (mA) | | Ir | Vr | Iv (mcd) @If=20mA | | | Vf (V) @ If=20mA | | $2\Theta_{1/2}$ |
| | | (nM) | (nM) | (mW) | dc | 1/10 duty @ 1 khz | @Vr=5V (μA) | (V) | 2mA | Min | Typ | Min | Typ | (Deg) |
| JRC0128 | Red | 632 | 20 | 60 | 25 | 160 | 10 | 5 | 3 | 19 | 47 | 2.0 | 2.4 | 120 |
| JGC0128 | Green | 575 | 20 | 60 | 25 | 160 | 10 | 5 | 1 | 13 | 19 | 2.0 | 2.4 | 120 |
| JYC0128 | Yellow | 591 | 15 | 60 | 25 | 160 | 10 | 5 | 3 | 19 | 48 | 2.0 | 2.4 | 120 |
| JOC0128 | Orange | 621 | 18 | 60 | 25 | 160 | 10 | 5 | 3 | 19 | 48 | 2.0 | 2.4 | 120 |
| JEC0128 | OrRed | 639 | 20 | 60 | 25 | 160 | 10 | 5 | 2 | 18 | 38 | 2.0 | 2.4 | 120 |
| JYOC0128 | YelOrng | 611 | 17 | 60 | 25 | 160 | 10 | 5 | 3 | 19 | 48 | 2.0 | 2.4 | 120 |

Specifications subject to change without notice. Dimensions are in mm±0.3 unless stated otherwise.