



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

| | |
|----------------------------------|------------------|
| OPERATING TEMPERATURE RANGE..... | - 25°C TO + 50°C |
| STORAGE TEMPERATURE RANGE..... | - 25°C TO + 80°C |

Electrical/optical characteristics at $T_A=25^\circ\text{C}$

| PART NUMBER | BASES MODEL | MATERIAL | EMITTING COLOR | WAVELENGTH TYP. $I_f @ 20\text{mA}$ (nm) | FORWARD CURRENT @ 12V (mA) | LUMINOUS INTENSITY @ 12V (mcd) | | VDC, VAC, BI-POLAR |
|-------------------|-------------|----------|----------------|---------------------------------------------|----------------------------|--------------------------------|------|--------------------|
| | | | | λ_d | TYP | MIN. | TYP. | |
| ML502FC2-BP12V-SB | SCREW | InGaN | TRUE GREEN. | 525±10 | 15 | 1800 | 3000 | BI-POLAR |
| | | | | | | | | |

- (1) ALL MODELS ARE CENTER ANODE , INSERT C AFTER FOR CENTER CATHODE.
- (2) CREE DICE FOR HIGH RELIABILITY APPLICATION.

Package Dimensions

