

FEATURES:

- Special Design Available
- Low Current Requirements
- High Light Output
- Easy Key Code

ABSOLUTE MAXIMUM RATINGS, $T_a = 25^\circ\text{C}$

| | |
|--|---------------------|
| Reverse voltage per led chip..... | 5.0 V |
| D.C Forward current per led chip..... | 30 mA |
| Pulse current. (1.10 duty cycle , 0.1 ms pulse width) per led chip..... | 100mA |
| Operating temperat. range..... | -25°C to + 85°C |
| Storage temperat. range..... | -25°C to + 100°C |
| Lead soldering temp. | 260°C for 5 seconds |

ELECTRICAL / OPTICAL CHARACTERISTICS AT $T_a = 25^\circ\text{C}$

| PART NUMBER | LED CHIP MATERIAL | LED CHIP EMITT. COLOR | SURFACE COLOR | SEGM. OR DOT COLOR | PEAK WAVE LENG. 20mA | FORWARD VOLTAGE Vf 20mA (V) TYP. MAX. | LUMIN. INTENS. 10 mA (mcd) TYP. MAX. |
|----------------|-------------------|-----------------------|---------------|--------------------|----------------------|---------------------------------------|--------------------------------------|
| OPM 1507HR2CGW | GaAsP GaP | HI RED | GRAY | WHITE | 635 | 1.8 2.3 | 2.5 3.5 |
| OPM 1507SR3CGW | GaAlAs GaAs | SUPER RED | GRAY | WHITE | 660 | 1.8 2.3 | 2.3 5.9 |
| OPM 1507G1CGW | GaP | GREEN | GRAY | WHITE | 570 | 2.2 2.5 | 2.0 2.5 |
| OPM 1507O2CGW | GaAsP GaP | ORANGE | GRAY | WHITE | 630 | 2.0 2.5 | 2.0 2.5 |

*SPECIFICATIONS ARE SUBJECT TO CHANGE

*THE PN s ABOVE MEANS STANDART VERSION, (SURFACE GRAY AND WHITE SEGMENT).

NOTE: ALL DIMENSIONS ARE IN mm, TOLERANCE IS +/-0.25mm, UNLESS OTHERWISE NOTED. THE SLOPE ANGLE OF ANY PIN MAY BE +/- 5.0 MAX.

PACKAGE DIMENSIONS AND PIN FUNCTION

