

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 fto + 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 V_f 20mA (V) TIP MAX | LUMIN. INTENS. MIN TYP |
|----------------|-------------------|-----------------------|---------------|--------------------|----------------------|--|------------------------|
| OPM 4057HR2CGW | GaAsP GaP | HI RED | GREY | WHITE | 635 | 4.2 6.0 | 8.0 12.0 |
| OPM 4057G1CGW | GaP | GREEN | GREY | WHITE | 567 | 4.2 6.0 | 8.0 12.0 |
| OPM 4057O2CGW | GaAsP ON GaP | ORANGE | GREY | WHITE | 635 | 4.2 6.0 | 8.0 14.0 |
| OPM 4057SR3CGW | GaAlAs | SUPER RED | GREY | WHITE | 660 | 3.6 5.0 | 18 21 |

*SPECIFICATIONS ARE SUBJECT TO CHANGE

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

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

PACKAGE DIMENSIONS AND PIN FUNCTION

