

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	30 mA
Pulse current. (1.10 duty cycle , 0.1 ms pulse width)	100 mA
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 COMMON CATHODE	PART NUMBER COMMON ANODE	LED CHIP MATERIAL	LED CHIP EMITT. COLOR	SURFACE COLOR	SEGM. OR DOT COLOR	PEAK WAVE LENG. (nm)	FORWARD VOLTAGE V_f 20mA (V) TIP. MAX. MIN.	LUMIN. INTENS. 10 mA (mcd) MIN. TYP.
OPD 563HR2CGW	OPD 563HR2AGW	GaAsP GaP	HI RED	GRAY	WHITE	660	1.8 2.3	3.5
OPD 563SR3CGW	OPD 563SR3AGW	GaAlAs GaAs	SUPER RED	GRAY	WHITE	660	1.8 2.3	6.0
OPD 563G1CGW	OPD 563G1AGW	GaP	GREEN	GRAY	WHITE	570	2.2 2.5	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

