

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)	100mA
Operating temperat. range.....	-25 $^\circ\text{C}$ to + 85 $^\circ\text{C}$
Storage temperat. range.....	-25 $^\circ\text{C}$ to + 100 $^\circ\text{C}$
Lead soldering temp.	260 $^\circ\text{C}$ for 5 seconds

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

PART NUMBER <i>COMMON CATHODE</i>	PART NUMBER <i>COMMON ANODE</i>	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. 10 mA (mcd) TYP
OPD301 G1CGW	OPD301 G1AGW	GaP	GREEN	GRAY	WHITE	570	2.2 2.5	2.5
OPD301 HR2CGW	OPD301 HR1AGW	GaAsP/GaP	HI RED	GRAY	WHITE	660	1.8 2.4	2.4

*SPECIFICATIONS ARE SUBJECT TO CHANGE

*THE PIN 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

