

### 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 $T_a = 25^\circ\text{C}$

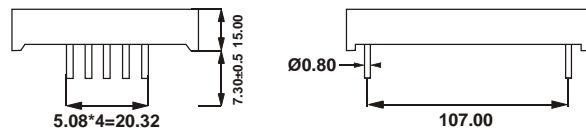
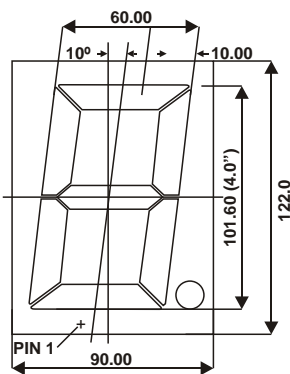
PART NUMBER COMMON CATHODE	PART NUMBER COMMON ANODE	LED CHIP MATERIAL	LED CHIP EMITT. COLOR	SURFACE COLOR	SEGM. OR DOT COLOR	PEAK WAVE LENG. 20mA	FORWARD VOLTAGE Vf 20mA (V) SEG D.P TIP MAX	LUMIN. INTENS. 10 mA (mcd) TYP
OPD 4001HR2CGW5	OPD 4001HR2AGW5	GaAsP GaP	HI RED	GRAY	WHITE	635	10.5 14.0	40.0
OPD 4001SR3CGW5	OPD 4001SR3AGW5	GaAAias GaAs	SUPER RED	GRAY	WHITE	660	9.0 12.0	90.0
OPD 4001G1CGW5	OPD 4001G1AGW5	GaP	GREEN	GRAY	WHITE	570	10.5 14.0	40.0
OPD 4001O2CGW5	OPD 4001O2AGW5	GaAsP GaP	ORANGE	GRAY	WHITE	630	10.0 14.0	40.0

\*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



### PIN CONNECTION

