

## 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).....	100mA
Operating temperat. range.....	-25°C fto + 85°C
Storage temperat. range.....	-25°C to + 100°C
Lead soldering temp. ....	230°C fpr 5 seconds

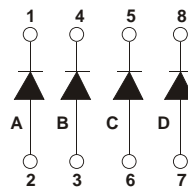
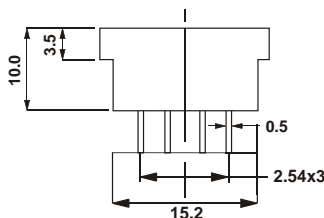
## ELECTRICAL / OPTICAL CHARACTERISTICS AT $T_a = 25^\circ\text{C}$

PART NUMBER	LED CHIP MATERIAL	LED CHIP EMITT. COLOR	SURFACE COLOR	SEGM. OR DOT COLOR	PEAK WAVE LENG. 20mA (nm)	FORWARD VOLTAGE Vf 20mA (V) TIP MAX	LUMIN. INTENS. 20 mA (mcd) TYP
OPB1715HR	GaAlAs	HI RED	WHITE	WHITE	660	1.8 2.3	2200
OPB1715SR	GaAlAs	SUPER RED	WHITE	WHITE	660	1.8 2.3	3300
OPB1715G	GaP	GREEN	WHITE	WHITE	570	2.2 2.5	2400
OPB1715Y	GaAsP GaP	GREEN	WHITE	WHITE	585	2.1 3.0	2250
OPB1715E	GaAsP GaP	ORANGE	WHITE	WHITE	635	2.1 3.0	3350

\*SPECIFICATIONS ARE SUBJECT TO CHANGE

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



### PIN Nº. FUNCTION

1. CATHODE A
2. ANODE A
3. ANODE B
4. CATHODE B
5. CATHODE C
6. ANODE C
7. ANODE D
8. CATHODE D

