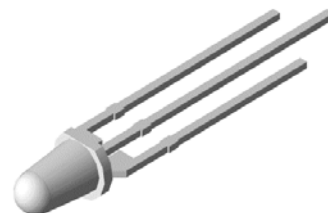


3mm Bi-Color LED 2.0mm Pitch

Description

The VT 3L47 is 3mm Bi-Color LED Lamp. The chip material used in Red & Blue is high efficiency AlGaInP and InGaN material with brilliant light output. It has high reliability lead based package and available in full selection of colors, high intensity under low current condition Other selection included Common Cathode or Common Anode and lead pitch is 2.0mm.

VT 3L47





Applications

- TV Set
- Monitor
- Computer
- Telephone

RoHS



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Iv(mcd)		VF(Volt)		View Angle (2 θ 1/2)	Lens
		λ_d	λ_p	Min.	Typ.	Typ.	Max.		
VT 3L47	Red 	624	632	112	160	2.0	2.4	60	Milky
	Blue 	470	468	45	85	3.5	3.8		

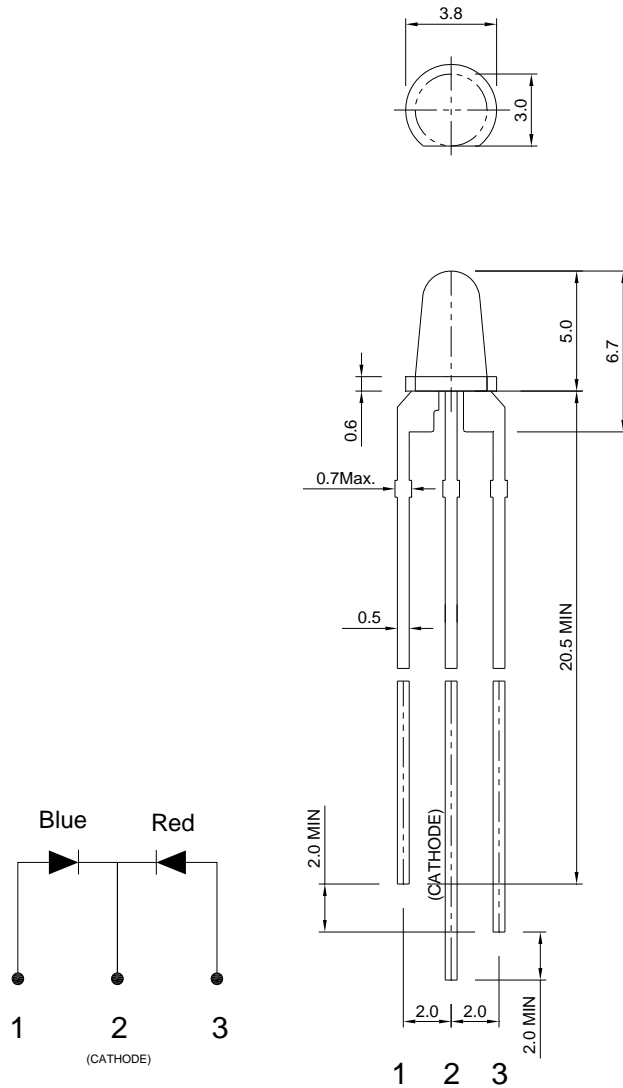
Absolute Maximum Ratings (at Ta=25°C)

Emitted Color	P _D (mW)	I _F (mA)	Tsol (°C)	I _R (uA)@V _R =5V	Topr (°C)	Tstg (°C)
Blue	110	25	260+/-5 for 5 sec	50	-40~+85	-40~+90
Red	60	25		10	-40~+85	-40~+90

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specify ratings in this table will result degradation of LED life- span and may cause LED to fail.

Package Dimension:

unit: mm



Notes:

1. All dimensions are millimeters.
2. Tolerance is $\pm 0.2\text{mm}$ unless otherwise specified.
3. Specifications are subject to change without notice.