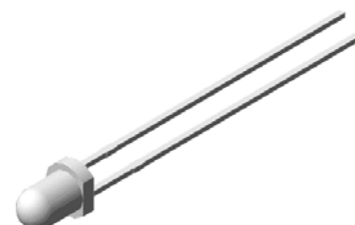


3mm Round Bi-Color LED Non-Polarity

VT 3H77

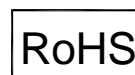
Description

The VT 3H77 is 3mm round without polarity Bi-Color LED Lamp. The chip material used in Red and Green emitting is high efficiency AlGaInP 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 than bulk packing, tape and reel is available.





Applications

- TV Set
- Monitor
- Computer
- Telephone



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 3H77	Yellow 	589	591	18	36	2.0	2.4	40	Milky
	Red 	624	632	28	56	2.0	2.4		

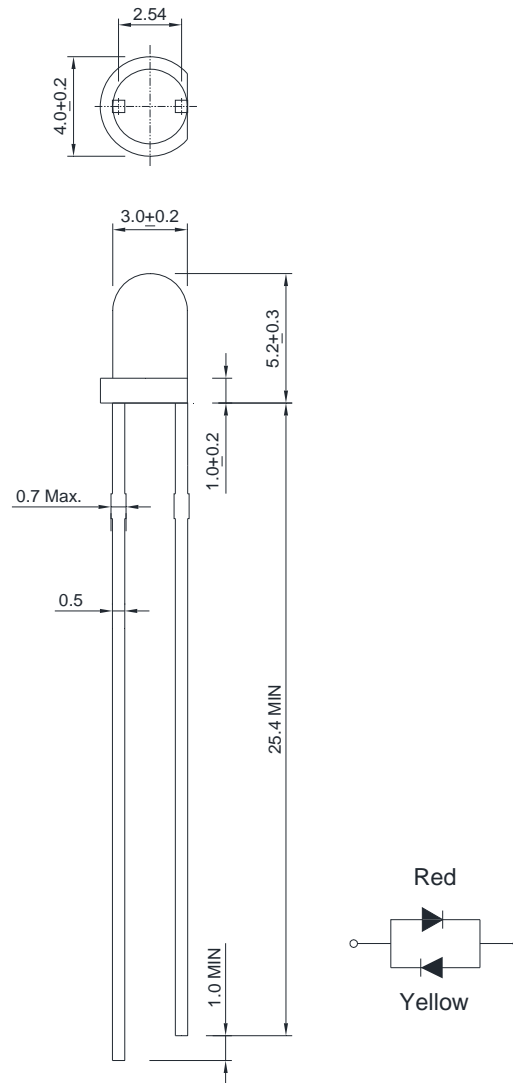
Absolute Maximum Ratings (at Ta=25°C)

Emitted Color	P _D (mW)	I _F (mA)	T _{sol} .(°C)	I _R (uA)@V _R =5V	Topr(°C)	Tstg(°C)
Yellow	60	25	260+/-5 5 sec	10	-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. Epoxy meniscus under flange is 1.5 mm max.
4. Specifications are subject to change without notice.