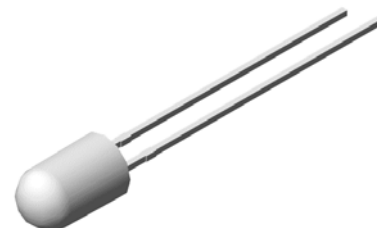


5.2mm x 4.6mm Oval LED Lamp

VT 76M6

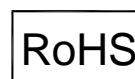
Description

The oval shape LED produced with AlGaInP technology materials. Other than offering superb reliability, luminous intensity has been increased. This improvement is most suitable for outdoor applications such as outdoor display board, available with color diffused or water clear lens. Other than bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.



Features

- Superb viewing angle design
- High luminous intensity with color diffused lens
- Luminous intensity, color & categorized
- Without Stopper option
- RoHS compliance



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Lens Color	Iv(mcd)		View Angle (2 θ 1/2)	VF(V)	
		λ_d	λ_p		Min.	Typ.		Typ.	Max.
VT 76M6	Yellow 	589	591	Tinted	1120	1850	X:70 Y:40	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

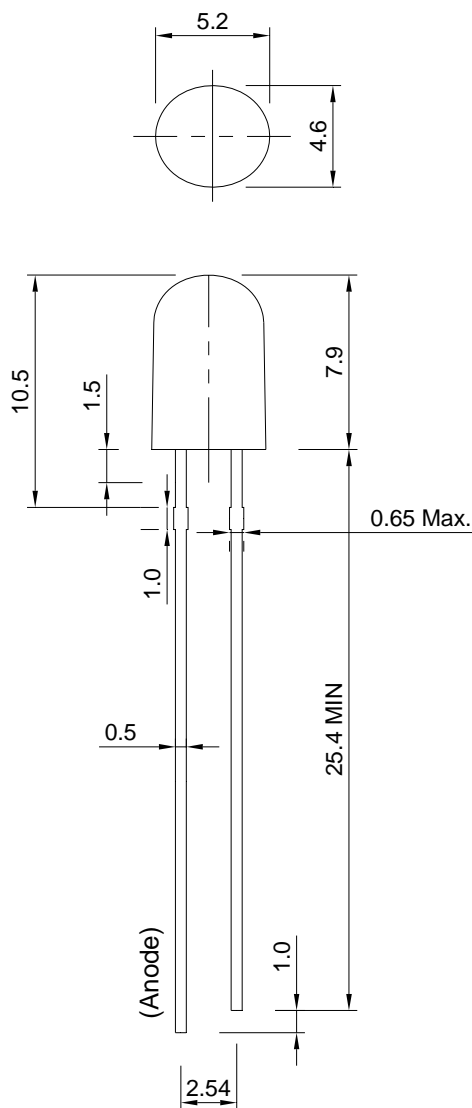
P _D (mW)	I _{PF} (mA)	I _F (mA)	T _{sol} (°C)	I _R (μ A)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
100	100	30	260 \pm 5 for 5 sec	10	-40~+85	-40~+100

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

* I_{PF}: Peak Forward Current under 1/10 duty, 1KHz condition

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.