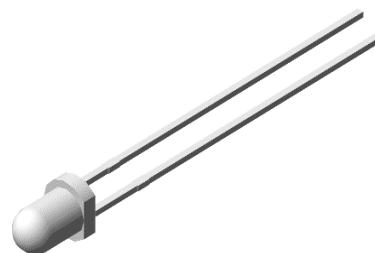


3mm Round Super Bright LED

VT 362S8.50

This brightness Yellow emitting LED are made by AlGaInP is rather than the conventional GaP and GaAsP/GaP. The advantages of AlGaInP are low power consumption and obtaining high luminous intensity under low current driving condition. These series of LED come in moisture resistance color diffuse lens while offering various viewing angles. Other than bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.




Applications

- Lighting indicator
- Status lights
- ON/OFF indicator
- Backlight illumination



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 362S8.50	Yellow 	589	591	Clear	3300	7000	20	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

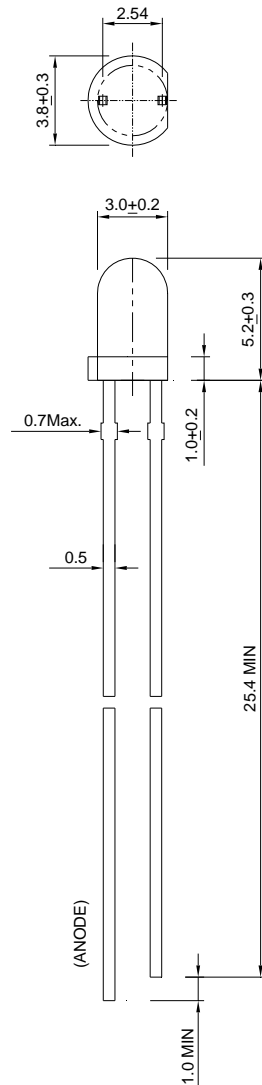
P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
90	100*	30	260±5 for 5 sec	10	-40~+85	-40+100

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_{FP}: Peak Forward Current under 1/10 duty, 1KHz condition

Package Dimension:

unit: mm



Notes:

1. All dimensions are millimeters.
2. Dimensional 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.