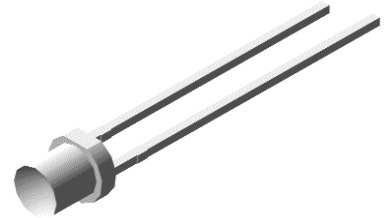


## 3mm Round Back Lighting LED

### VT C5A5.25

#### Description

The major breakthrough in VT C5A5 series is yellow green color emit. The dice used in this series is AlGaInP 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.




#### Features

- High reliability lead based package
- Available in full selection of colors
- Luminous intensity categorized for each bag
- High intensity under low current condition
- AllnGaP dice technology with green tinted lens



#### Electronic Optical Characteristics (@ 20mA):

Part Number	Emitted Color	$\lambda$ (nm)		Lens Color	Iv(mcd)		View Angle (2 $\theta$ 1/2)	VF(V)	
		$\lambda_d$	$\lambda_p$		Min.	Typ.		Typ.	Max.
VT C5A5.25	Green 	573	575	Tinted	9	20	110	2.0	2.4

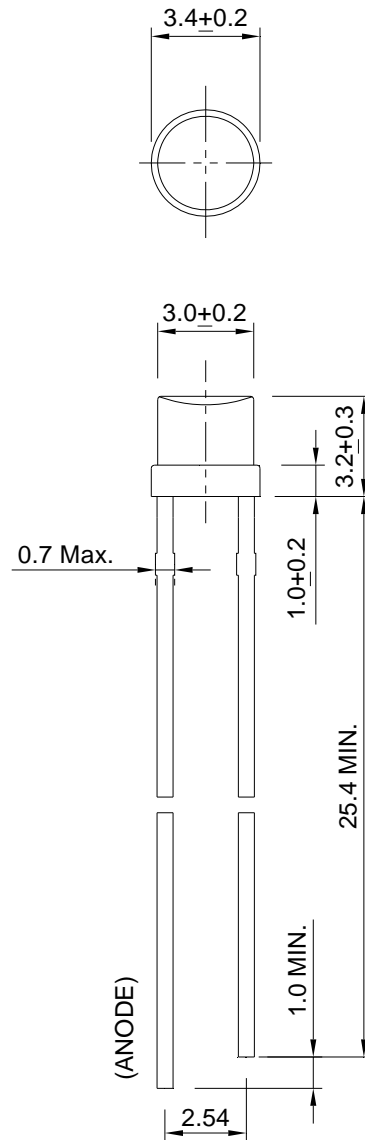
#### Absolute Maximum Ratings (@ Ta=25°C)

P <sub>D</sub> (mW)	I <sub>FP</sub> (mA)	I <sub>F</sub> (mA)	T <sub>sol</sub> (°C)	I <sub>R</sub> (uA)@V <sub>R</sub> =5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
60	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.

# 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.