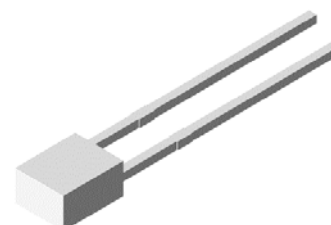


2.0 x 3.2mm Rectangular LED

VT R5A8.27

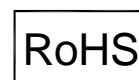
Description

The major breakthrough in VT R5A8 series is Blue color emit with 2.0 x 3.2mm rectangular package with water clear lens. The dice used in this series is AlGaInP material. The advantages of AlGaInP technology are low power consumption and obtaining high luminous intensity under low current driving condition. Other than bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.




Features

- High reliability LED package
- Available in full selection of colors
- Luminous and color categorized for each bag
- InGaP dice technology with water clear lens



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 R5A8.27.	Green 	573	575	Clear	14	30	100	2.0	2.4

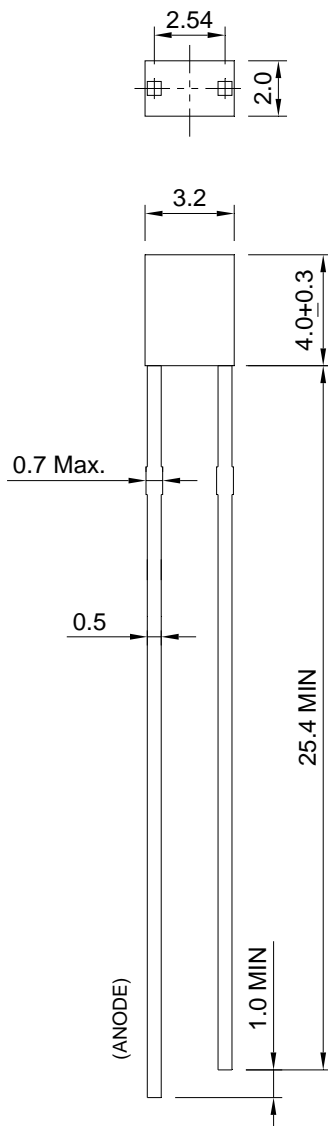
Absolute Maximum Ratings at Ta=25°C

P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
60	100*	25	260±5 for 5 sec	50	-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. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Epoxy meniscus under flange is 1.5 mm max.
4. Specifications are subject to change without notice.