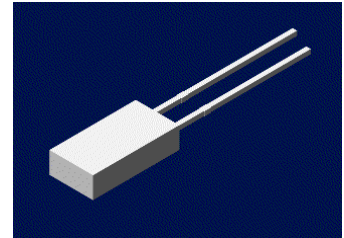


2.5 x 5.0mm Rectangular LED

VT R5P6.20

Description

The major breakthrough in VT R5P6 series is yellow green color emit with 2.5 x 5.0mm rectangular package. 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 LED package
- Available in full selection of colors
- Luminous categorized for each bag
- High intensity under low current condition
- AllnGaP dice technology with green diffuse lens



Electronic Optical Characteristics (@ 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 R5P6.20	Green 	573	575	Diffuse	2.8	6.0	130	2.0	2.4

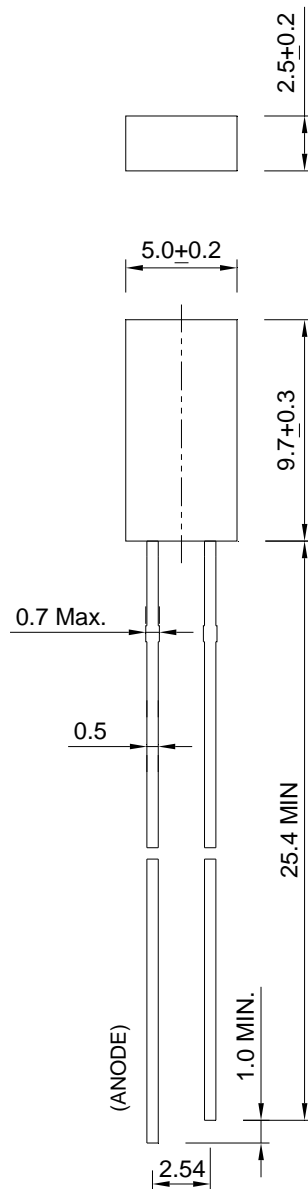
Absolute Maximum Ratings at Ta=25°C

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 5 sec.	10	-40~+85	-40~+100

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 ± 0.2 mm unless otherwise specified
3. Epoxy meniscus under flange is 1.5 mm max.
4. Specifications are subject to change without notice.