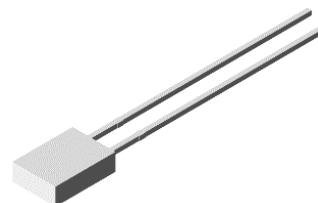


2.0x5.0x7.0mm Rectangular LED

VT R7G6

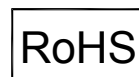
Description

The major breakthrough in VT R7G6 series is Red color emit with 2.0x5.0x7.0mm rectangular package. The dice used in this series is GaAsP material 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.



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 R7G6	Red 	630	645	Tinted	10	20	120	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

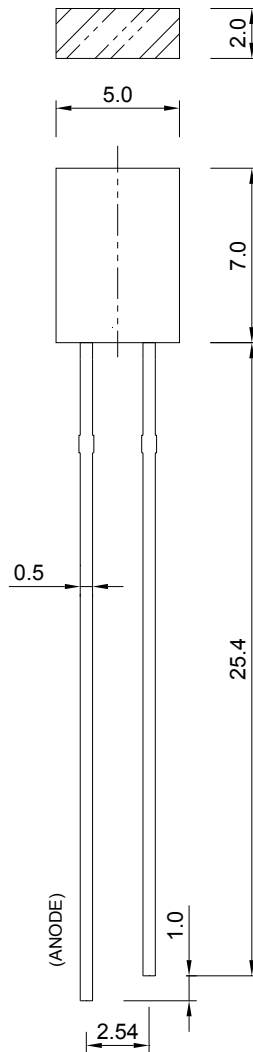
P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
60	100	25	260±5 5 sec.	10	-40~+85	-40~+100

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the 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. 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.