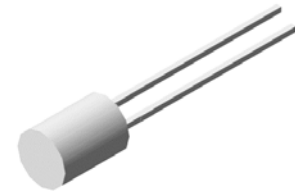


5mm Cylindrical Type LED

VT C298

Description

This high brightness Blue emitting LED are made from the most efficient InGaN technology. Its chip material is of InGaN technology, able to reach high light output efficiency. 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 C298	Blue 	470	468	Clear	100	160	80	3.5	3.8

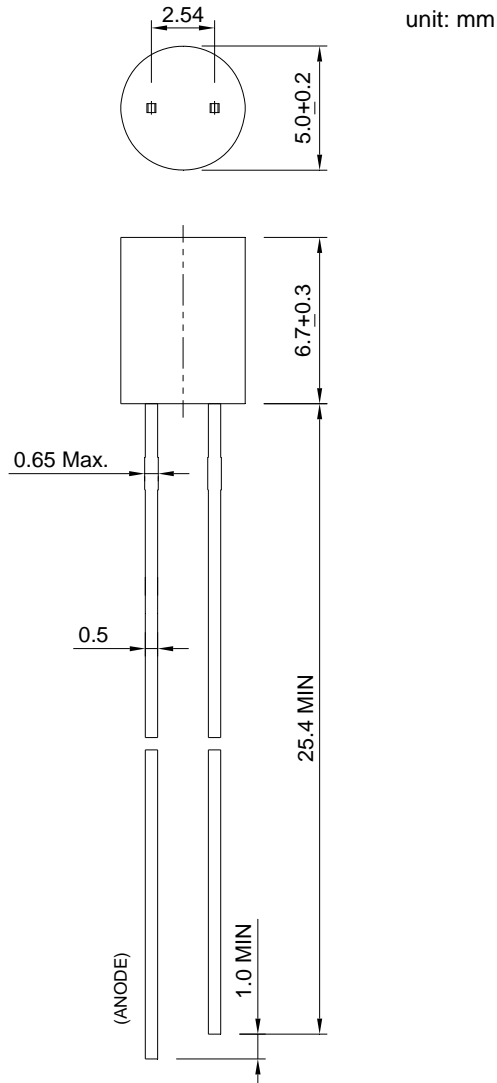
Absolute Maximum Ratings (at Ta=25°C)

P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (μ A)@V _R =5V	Topr(°C)	Tstg(°C)
110	100*	25	260 \pm 5 for 5 sec.	50	-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.

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

Package Dimension:



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.