

3mm Round Ultra Bright LED

VT 3238.44

Description

This high brightness BLUE emitting LEDs are made from the most efficient InGaN technology. Its chip material is of InGaN technology, able to reach a high light output efficiency. These series of LEDs come in moisture resistance water clear lens while offering various viewing angles. 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

RoHS



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 3238.44	Blue 	470	468	Clear	710	1050	20	3.5	4.0

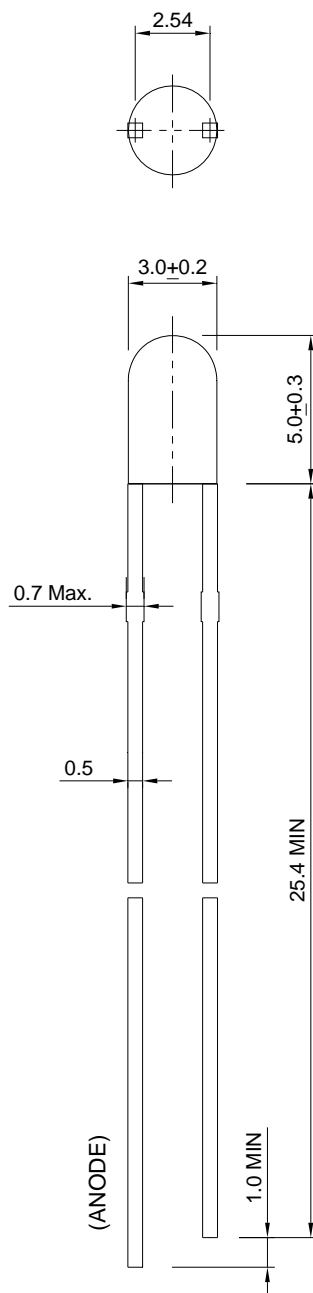
Absolute Maximum Ratings at Ta=25°C

P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
110	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.