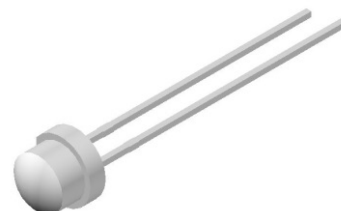


4.8mm Round Super Bright LED

VT H778.43

Description

These series high brightness RED emitting LEDs are made from the most efficient InGaN technology. Its chip material is of InGaN technology, able to reach high light output efficiency. The main advantage of this series is ESD has been raised to 4KV with the help of a Zener Diode. Other than Bulk packing, tape and reel is available. Changes in viewing angle, luminous intensity and lens color is acceptable.




Applications

- Single or dual color graphic signs
- Commercial use
- Advertising Signs



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Lens Color	Iv(mcd)		View Angle	VF(V)	
		λ_d	λ_p		Min.	Typ.		Typ.	Max.
VT H778.43	Red 	624	632	Clear	180	355	100	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

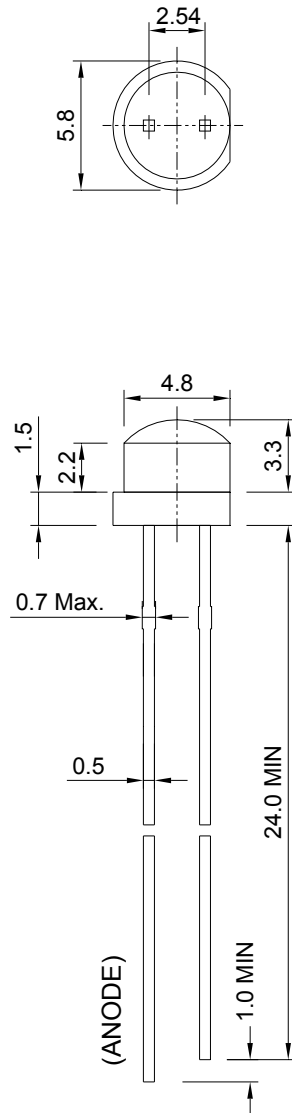
P _D (mW)	I _{FP} (mA)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
60	100*	30	260±5 for 5 sec	10	-40~+85	-40+100

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. Dimensional 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.