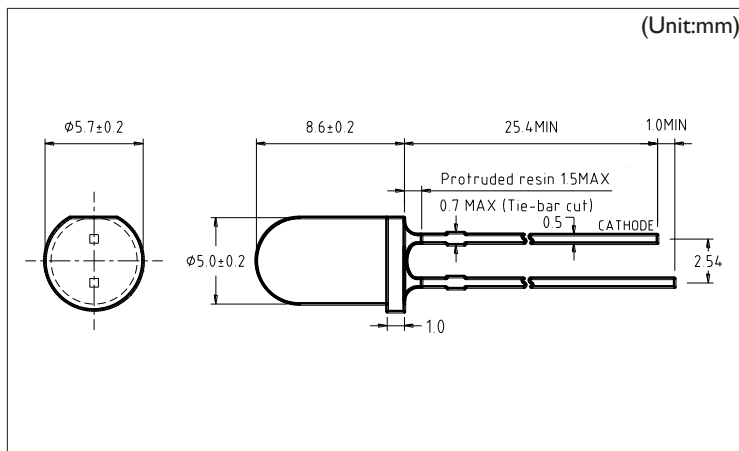
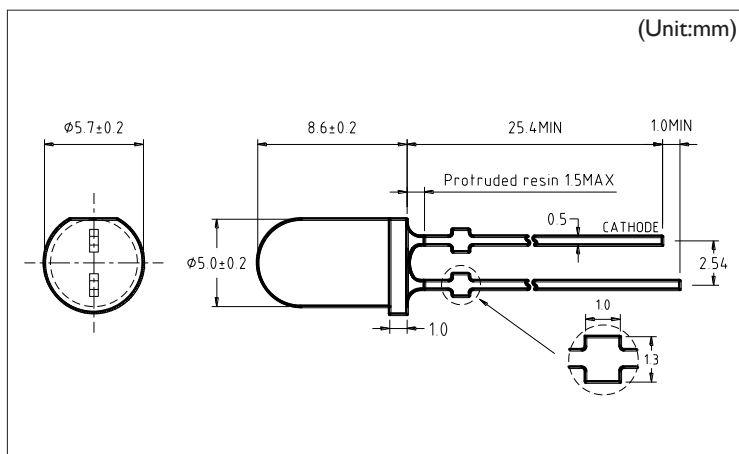


(Unit:mm)



(Unit:mm)



**View Angle: 23 (2 1/2)**  
**5 mm Cylinder Type**  
**Water Clear Package**  
**Super Luminosity LED**  
**Lamps For Outdoor Use**

## Absolute Maximum Ratings

(Ta@25°C)

Model No. *1	Radiation color	Radiation material	Power dissipation P(mW)	Forward current I <sub>F</sub> (mA)	Peak forward current I <sub>FM</sub> (mA) *2
5N3EATR-23S	Orange-Red	AlInGaP / Sapphire	120	50	100
5N3EATY-23S	Yellow	AlInGaP / Sapphire	120	50	100
5N3ESPG-23	Pure-Green	InGaN	114	30	100

## Electro-Optical Characteristics

(IF=20mA Ta@25°C)

Model No.	Lens color	Forward voltage	Luminous intensity	Dominant wavelength	Peak emission wavelength	Spectral half width	Reverse current		View angle
		V <sub>F</sub> (V) TYP	I <sub>V</sub> (mcd) TYP	λ <sub>d</sub> (nm) TYP	λ <sub>p</sub> (nm) TYP	Δλ(nm) TYP	I <sub>R</sub> (μA) MAX	V <sub>R</sub> (V)	Degree
5N3EATR-23S	Water Clear	2.0	10000	625	620	15	10μA	5V	23
5N3EATY-23S	Water Clear	2.0	9000	590	593	15			23
5N3ESPG-23	Water Clear	3.1	14000	525	518	30			23

※1. If the product you ask for is with stopper please add "-s" in the end of the part number. For example, SDL6K3JYP-S.

※2. Duty ratio=1/10,Pulse width=0.1ms

※3. 5 Seconds or less (At the position of 3mm or more from the bottom face of resin package)

※4. Please contact with Sander's representative for detailed BIN ranking information.