

### Features:

- High Luminous Super Flux Output
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

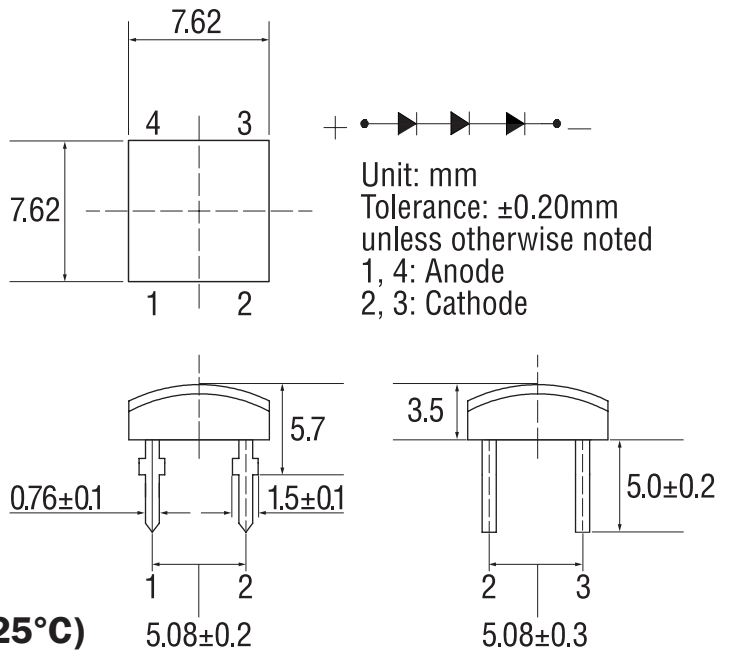


### Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	$I_F$	30	mA
Pulse forward current*	$I_{FP}$	100	mA
Reverse voltage	$V_R$	15	V
Power dissipation	$P_D$	234	mW
Operating temperature	$T_{opr}$	-30 to +85	°C
Storage temperature	$T_{stg}$	-40 to +100	°C
Lead soldering temperature	$T_{sol}$	260°C/5sec	-

\*Pulse width max. 10ms. Duty ratio max. 1/10

### Outline dimensions:



### Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC forward voltage	$V_F$	$I_F = 20$ mA	5.4	6.3	7.8	V
DC reverse current	$I_R$	$V_R = 15$ V	-	-	10	$\mu$ A
Dominant wavelength	$\lambda_D$	$I_F = 20$ mA	585	590	595	nm
Luminous intensity*	$I_V$	$I_F = 20$ mA	2500	3500	-	mcd
50% Power angle	$2\theta_{1/2}$	$I_F = 20$ mA	-	140	-	deg

\*1 Tolerance of measurements of dominant wavelength is +1nm  
\*2 Tolerance of measurements of luminous intensity is +15%  
\*3 Tolerance of measurements of forward voltage is  $\pm 0.1$ V

### Directivity:

