7.6mm Blue Superflux LED 2000MCD

Order code: **72-9651**
MPN: OSB563Z4E1P

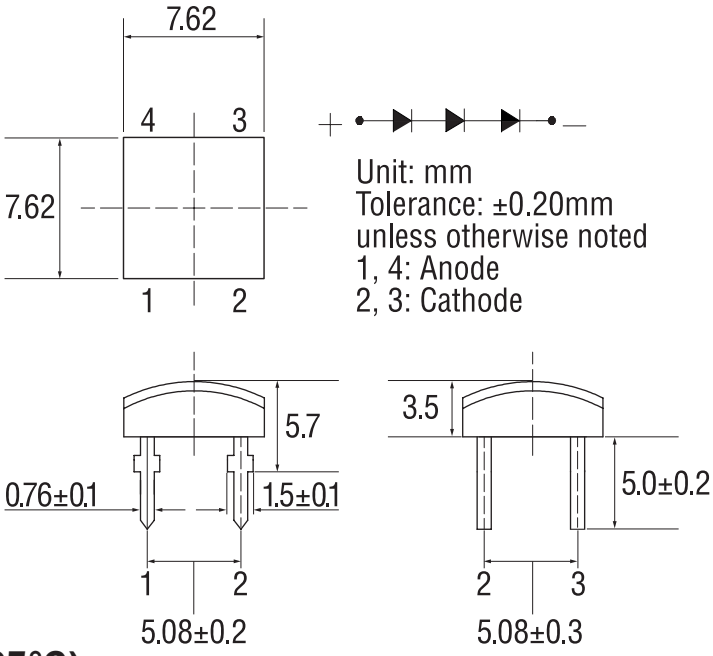
Features:

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

Applications

- Automotive Dashboard Lighting
- Traffic Signal Lamp
- Back Lighting
- Other Lighting

Outline dimensions:



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	324	mW
Operating temperature	Topr	–30 to +85	°C
Storage temperature	Tstg	–40 to +100	°C
Lead soldering temperature	Tsol	260°C/5sec	–
*Pulse width max. 10ms. Duty ratio max. 1/10			

Electrical – Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC forward voltage	V_F	I_F = 20mA	8.4	9.3	10.8	V
DC reverse current	I_R	V_R = 15V	–	–	10	µA
Dominant wavelength	λ_D	I_F = 20mA	465	470	475	nm
Luminous intensity	I_V	I_F = 20mA	1500	2000	–	mcd
50% Power angle	$2\theta_{1/2}$	I_F =20mA	–	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±0.1V

Directivity: