7.6mm 3 Chip Superflux Warm White LED 12000MCD

Order code: **72-9655**
MPN: OSM573Z2C1P

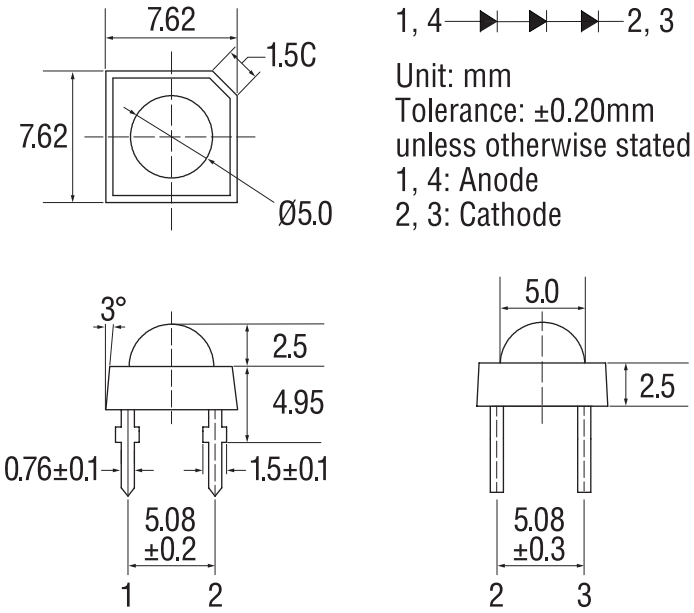
Features:

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

Applications

- General Purpose Indicators
- Small Area Illuminations
- 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 = 30mA	8.4	9.3	10.8	V
DC reverse current	I_R	V_R = 15V	–	–	10	µA
Luminous intensity*	I_V	I_F = 30mA	10000	12000	–	mcd
Colour temperature	CTT	I_F = 30mA	–	3000	–	K
Chromaticity coordinates*	x	I_F = 30mA	–	0.45	–	–
	y	I_F = 30mA	–	0.41	–	–
50% Power angle	$2\theta_{1/2}$	I_F =30mA	–	120	–	deg

*1 Tolerance of measurements of chromaticity coordinate is +10%
*2 Tolerance of measurements of luminous flux is +15%
*3 Tolerance of measurements of forward voltage is +0.1V

Directivity: