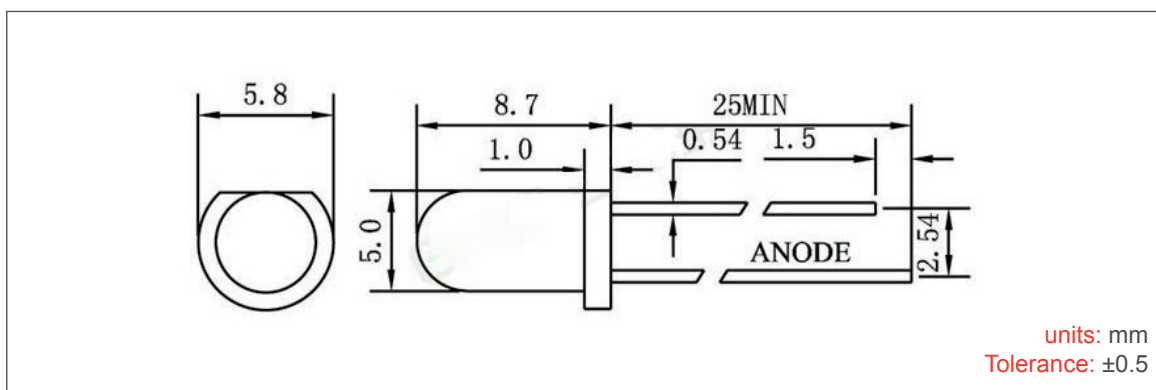


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1. Outline dimension



2. Optical Electric Character at Ta=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Test condition
Forward voltage	VF	11	/	13	V	If=20mA
Dominant wavelength	λ_d	460		470	nm	If=20mA
Reverse current	IR	/	/	10	uA	VR=5V
Luminous intensity	IV	10000		12000	mcd	If=20mA
Viewing angle	$2\theta_{1/2}$	/	45	/	Deg	If=20mA

3. Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Number	Unit
Power dissipation	PD	vw	mW
Forward current	IF	20	mA
Peak forward current (0.1ms)	IFP	120	mA
Reverse voltage	VR	5	V
Operating/Storage temperature		-30°C~+85°C	
Colloid color		White coloid	

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4. Reliability test

Items	Test condition	Test Hours/ Cycles	Sample size	Ac/Rc
	Temp:240°C±5°C Min.5sec.	6min	22pcs	0/1
Temperature cycle	H:+100°C 15min.~ 5min L:-40°C 15min.	300 cycles	22pcs	0/1
Thermal shock	H:+100°C 5min.~ 10sec L:-10°C 5min.	300 cycles	22pcs	0/1
High Temperature Storage	Temp: 100°C	1000hrs	22pcs	0/1
Low Temperature Storage	Temp: -55°C	1000hrs	22pcs	0/1
DC Operating Life	If=20mA	1000hrs	22pcs	0/1
High Temperature/High Humidity	85°C/R.H85%	1000hrs	22pcs	0/1

5. Typical Electrical/Optical Characteristics Curves

