

Plastic molded type

Model No. AL1060M1

Infrared LED

◆ **Absolute Maximum Ratings**

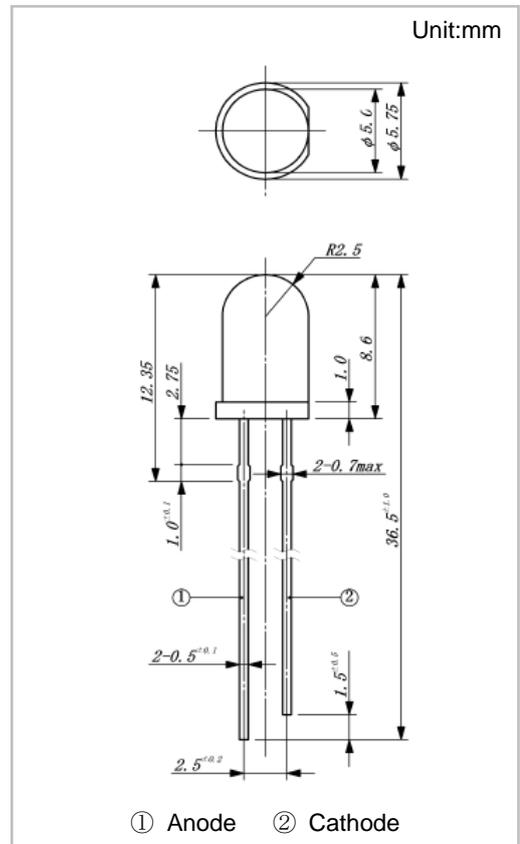
Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current (DC)	I _F	100	mA
Pulse Forward Current *1	I _{FP}	1.0	A
Reverse Voltage (DC)	V _R	5	V
Power Dissipation	P _D	100	mW
Operating Temperature	T _{opr}	-20 ~ +80	°C
Storage Temperature	T _{stg}	-30 ~ +100	°C

*1 : Tw=10 μs, T=10mS

◆ **Electro-optical Characteristics**

Parameter	Symbol		Value	Unit	
Radiated Power	P _O	Typ	1.0	mW	I _F = 50mA
Forward Voltage	V _F	Typ	0.8	V	I _F = 50mA
		Max	1.1		
Reverse Current	I _R	Max	100	μA	V _R = 5V
Peak Wavelength	λ _p	Typ	1060	nm	I _F = 50mA
Half width	Δλ	Typ	50	nm	I _F = 50mA
Half Viewing angle	θ	Typ	±12	Deg	I _F = 50mA



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