

**Customized SMD type**

**Model No. AE733SMU**

Visible LED

RoHS compliant

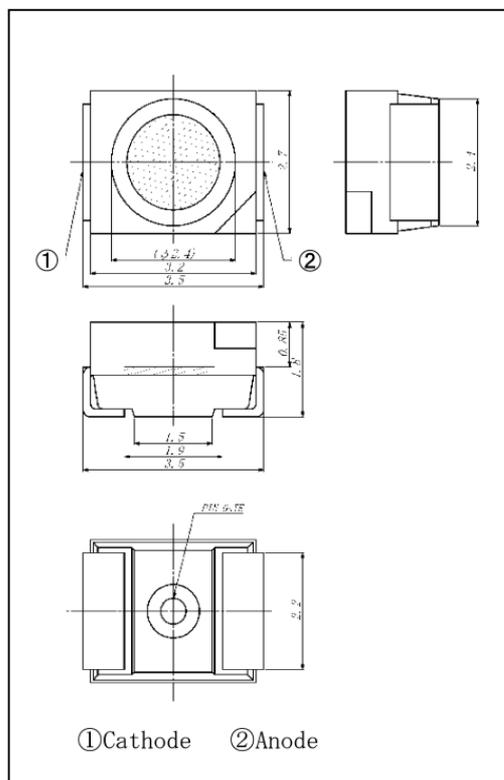
◆ **Absolute Maximum Ratings**

Ta = 25°C

Parameter	Symbol	Value	Unit
Forward Current	I <sub>F</sub>	50	mA
Forward Current (Pulse) <sup>*1</sup>	I <sub>FP</sub>	0.5	A
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	130	mW
Operating Temperature Range	Topr	-20 ~ +80	°C
Storage Temperature Range	Tstg	-30 ~ +100	°C

\*1 : tw=10 μs, T=10mS

**Dimensions (Unit: mm)**



◆ **Electrical & Optical Characteristics**

Ta = 25°C

Parameter	Symbol		Value	Unit	
Power Output	P <sub>O</sub>	Typ	10	mW	I <sub>F</sub> = 20mA
Forward Voltage	V <sub>F</sub>	Typ	1.75	V	I <sub>F</sub> = 20mA
		Max	2.3		
Reverse Current	I <sub>R</sub>	Max	100	μA	V <sub>R</sub> = 5V
Peak Emission Wavelength	λ <sub>p</sub>	Typ	730	nm	I <sub>F</sub> = 20mA
Spectral Line Half width	Δλ	Typ	15	nm	I <sub>F</sub> = 20mA
Half Intensity Beam Angle	θ	Typ	±55	deg	I <sub>F</sub> = 20mA