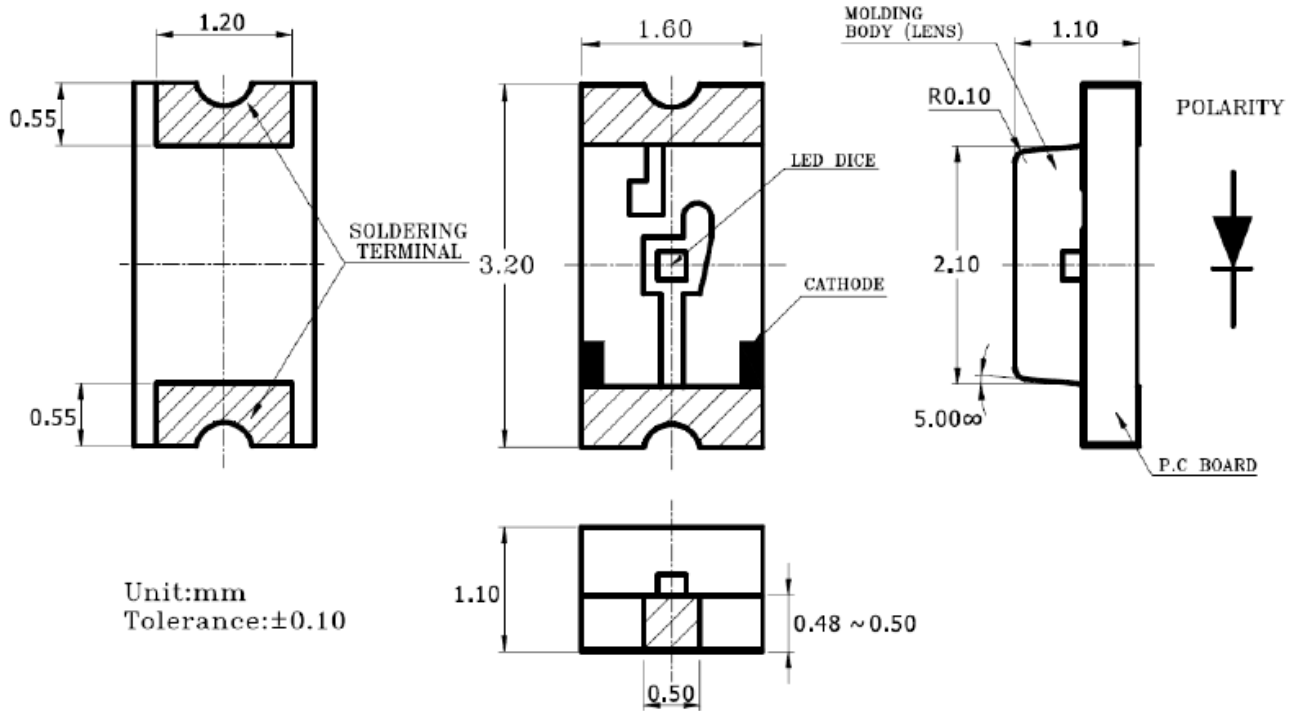


## SMD LED

### ★ Package Dimensions (1206Package 3.2x1.6x1.1mm)



### ★ Selection Guide

Part NO.	Chip		Lens Color	Viewing Angle $2\theta_{1/2}$ (deg)
	Material	Emitted Color		
1206-FLWC-USD	AlInGaP	Super Orange	Water clear	130

## SMD LED

Part No: 1206-FLWC-USD

### ★Absolute Maximum Ratings

(Ta=25°C)

Parameter	Symbol	MAX. Rating	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	50	mA
Peak Forward current (10 μs Pulse)	IFM	200	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	-40~+85	°C

### ★Electric-Optical Characteristics

Parameter	Symbol	Test Condition	MIN	TYP	MAX	Unit
Forward Voltage	VF	IF=20mA		2.0	2.6	V
Reverse Voltage	VR	IR=10uA	5			V
Luminous Intensity	IV	IF=20mA	35	75		mcd
Peak Emission Wavelength	λ P	IF=20mA		630		nm
Spectrum Width Of Half Value	△ λ	IF=20mA		20		nm

### ★Characteritics Diagrams

