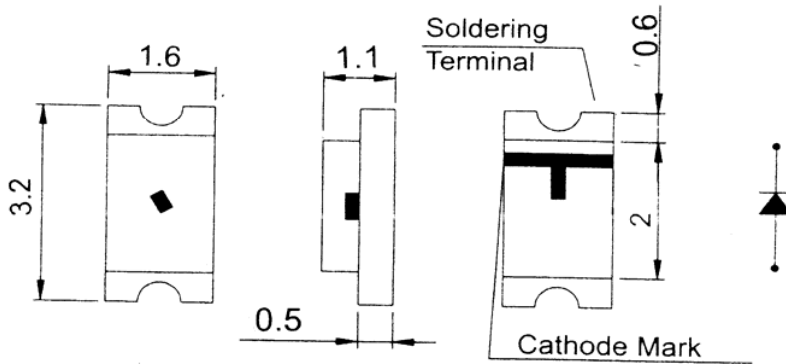


Date: 2008/04/01

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



★ **Selection Guide**

Part NO.	Chip		Lens Color	Viewing Angle 2θ 1/2(deg)
	Material	Emitted Color		
1206-FLWC-EC	GaAsP/GaP	Hi-eff Red	Water clear	130

SMD LED

1206-FLWC-EC

★Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	MAX. Rating	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	30	mA
Peak Forward current (10 μs Pulse)	IFM	100	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	3	7		mcd
Peak Emission Wavelength	λ P	IF=20mA		635		nm
Spectrum Width Of Half Value	Δ λ	IF=20mA		35		nm

★Characteritics Diagrams

