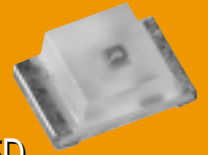




Product Guide

D_1112H Series, Thin Type InGaN/SiC SMT LED



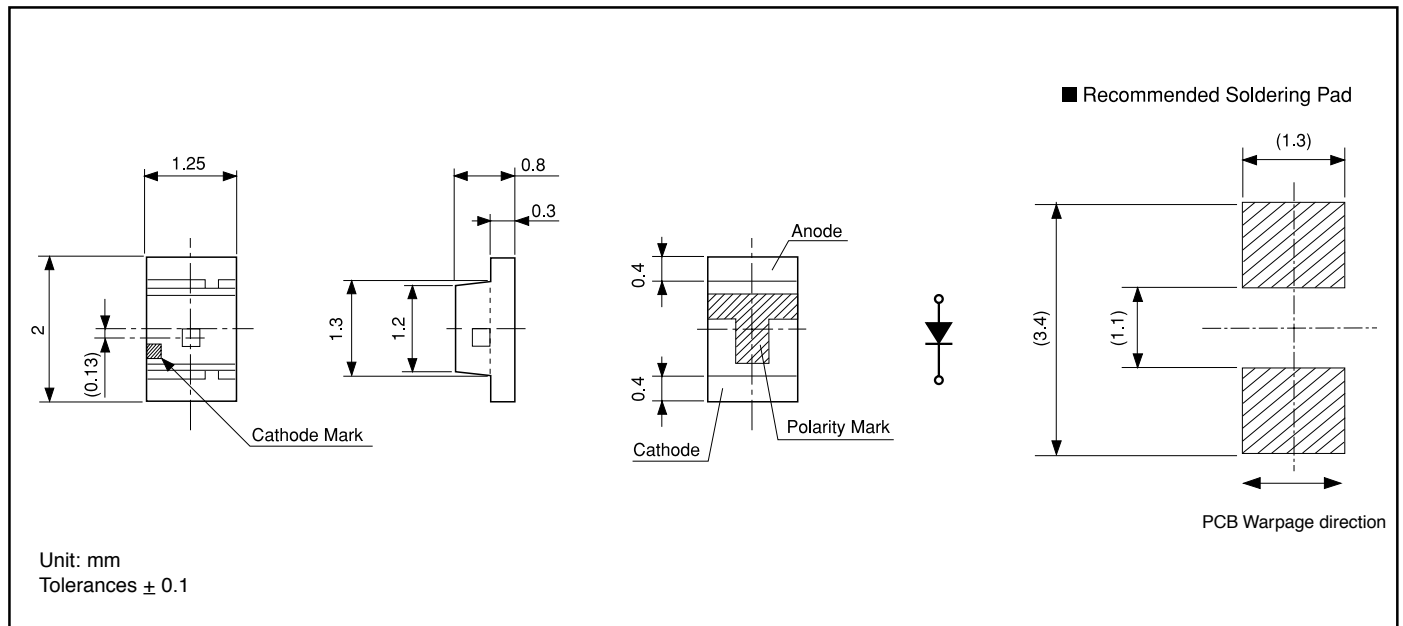
Features

- High brightness (InGaN/SiC) die material
- Available in green (525nm), bluish-green (505nm) and blue (470nm) colors
- Wide 150 degree viewing angle
- Reflow and dip soldering compatible
- 1000V minimum ESD protection

Applications

- Portable phone key pad backlight
- Various other backlight uses

Outline Dimensions



Electro-Optical Characteristics

(Ta=25°C)

Part No.	Material	Emitted Color	Lens Color	Luminous Intensity I _v			Wavelength Spectral Line Half Width				Forward Voltage V _F			Reverse Current I _R		Viewing Angle (2 θ 1/2)			
				MIN.	TYP.	I _F	Peak λ _p TYP.	Dominant λ _d TYP.	Δλ TYP.	I _F	TYP.	MAX.	I _F	MAX.	V _R				
DG1112H	InGaN/SiC	Green	Milky White	24	40	10	522	525	30	10	3.3	3.8	10	100	5	150°			
DC1112H	InGaN/SiC	Bluish-Green		24	34	10	502	505	30	10	3.3	3.8	10	100	5				
DB1112H	InGaN/SiC	Blue		8.5	14	10	467	470	26	10	3.3	3.8	10	100	5				
Units				mcd		mA		nm			mA		V		mA		μA	V	Deg.

