



# Product Guide

1113F Series, Right Angle SMT LED



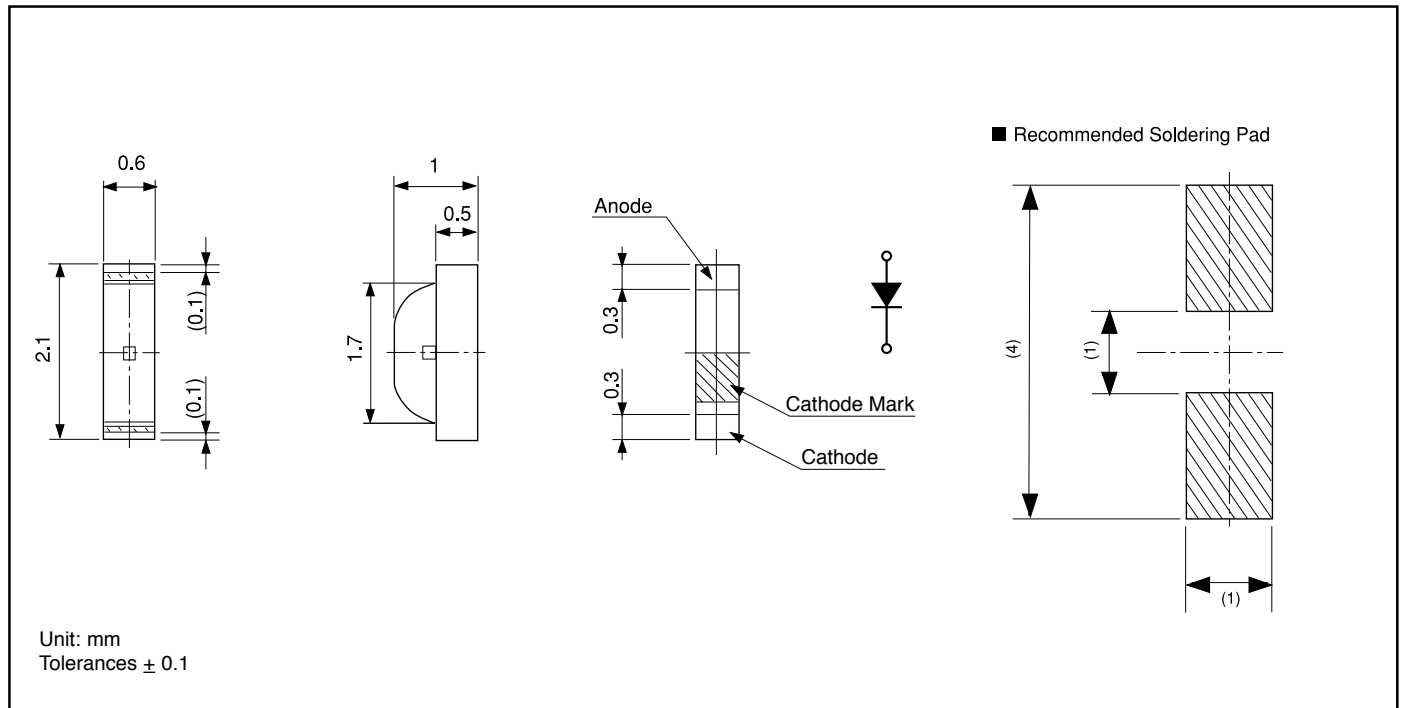
## Features

- Smaller size while maintaining the same brightness levels as the 1101F series
- Excellent for edge lighting

## Applications

- Portable devices
- Computers
- Industrial / medical instrumentation

## Outline Dimensions



## Electro-Optical Characteristics

( $T_a=25^\circ\text{C}$ )

Part No.	Material	Emitted Color	Lens Color	Luminous Intensity $I_V$			Wavelength				Forward Voltage $V_F$			Reverse Current $I_R$		Viewing Angle ( $2\theta_{1/2}$ )
				MIN.	TYP.	$I_F$	Peak $\lambda_p$ TYP.	Dominant $\lambda_d$ TYP.	Spectral Line Half Width $\Delta\lambda$ TYP.	$I_F$	TYP.	MAX.	$I_F$	MAX.	$V_R$	
BR1113F	GaAlAs	Red	Milky White	7	11.7	20	660	647	30	20	1.7	2.3	20	100	4	130°
PY1113F	GaP	Yellow-Green		7	11.7	20	570	572	30	20	2.1	2.8	20	100	4	150°
PG1113F	GaP	Green		3.8	6.4	20	560	567	30	20	2.1	2.8	20	100	4	
Units				mcd		mA	nm			mA	V		mA	$\mu\text{A}$	V	Deg.

