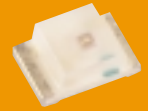






# Product Guide

## 1112H Series Thin Type SMT LED



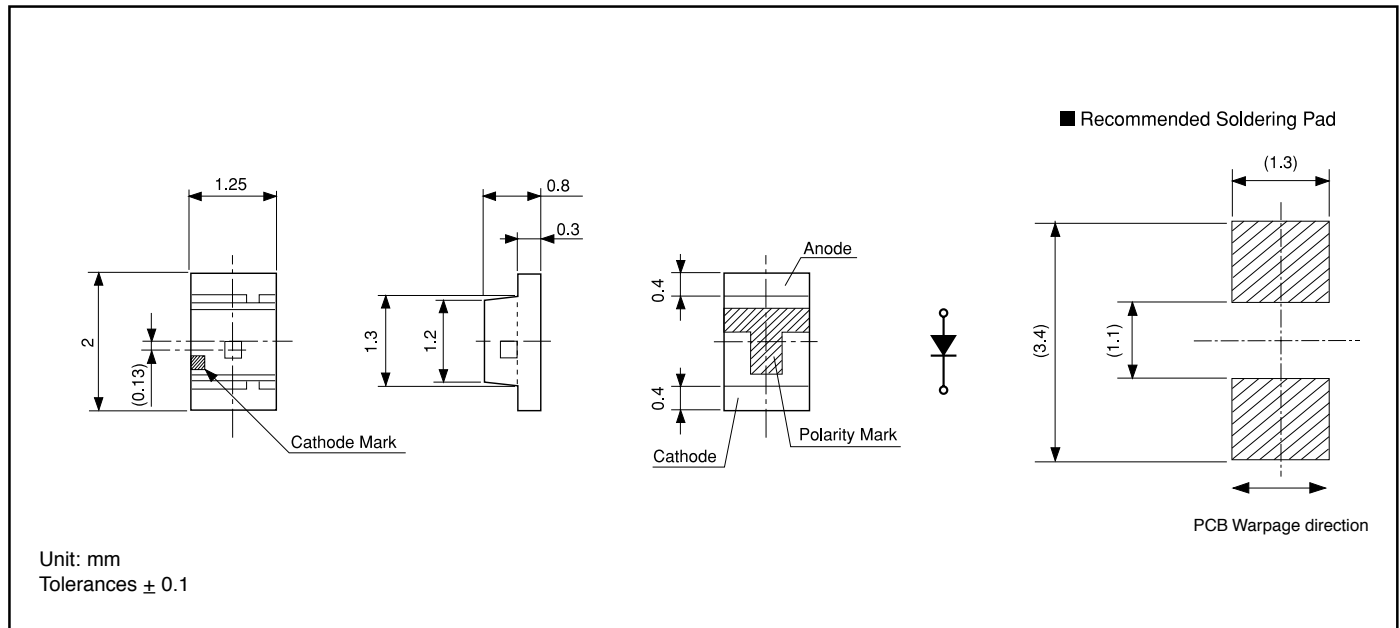
### Features

- Meets industry standards for 2012 (0806) footprint 2.0mm (L) x 1.25mm (W) x 0.8mm (H)
- 1112H is 50% thinner than the W series.

### Applications

- Membrane switch panels
- Backlighting
- Cellular telephones

### Outline Dimensions



### Electro-Optical Characteristics

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

Type 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.	$V_R$	
BR1112H	GaAlAs	Red	Milky White	7.0	11.7	20	660	647	30	20	1.7	2.3	20	100	4	150°
AA1112H	GaAsP	Orange		2.2	3.7	20	605	606	30	20	2.2	2.8	20	100	4	
AY1112H	GaAsP	Yellow		2.2	3.7	20	580	590	30	20	2.2	2.8	20	100	4	
PY1112H	GaP	Yellow-Green		7.0	11.7	20	570	572	30	20	2.1	2.8	20	100	4	
PG1112H	GaP	Green		3.8	6.4	20	560	567	30	20	2.1	2.8	20	100	4	
BG1112H	GaP	Pure Green		1.6	2.7	20	555	558	30	20	2.1	2.8	20	100	4	
Units				mcd		mA	nm			mA	V	mA	$\mu\text{A}$	V	Deg.	



## Looking for pricing, stock, or lifecycle information?

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