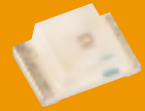




Product Guide

1112H Series Thin Type SMT LED



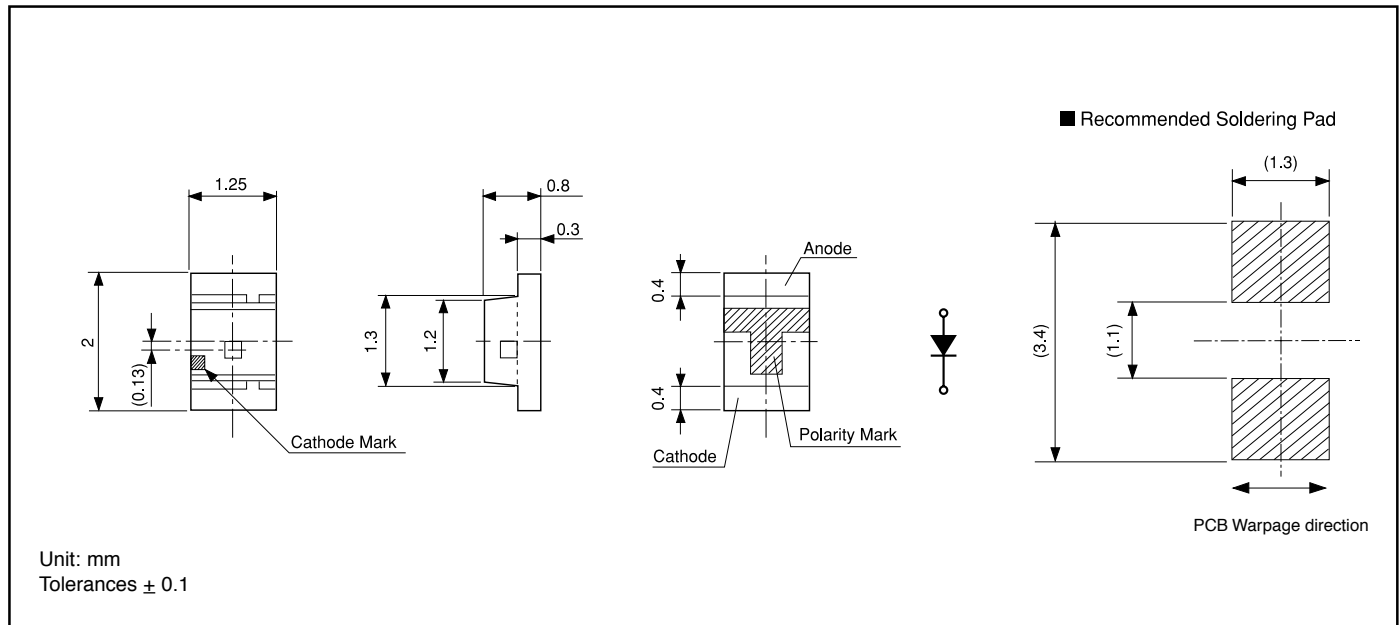
Features

- 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

(Ta=25°C)

Type 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	
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	160°
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	μA	V	Deg.	

