



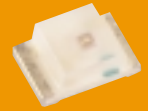
**THE DATASHEET OF
PG1112H-TR**





Product Guide

1112H Series Thin Type SMT LED



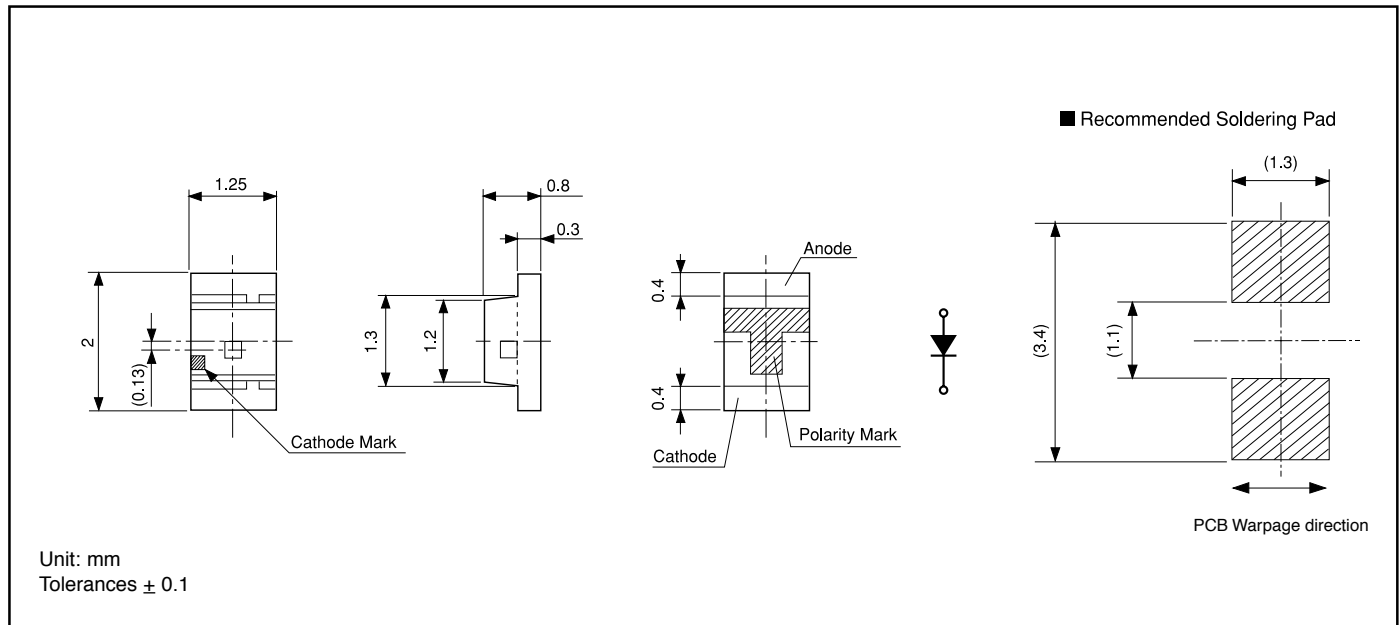
Features

- 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 λ_p TYP.	Dominant λ_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	μA	V	Deg.	

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