



Product Guide

F_1111C Series Ultra Compact AlInGaP SMT LED



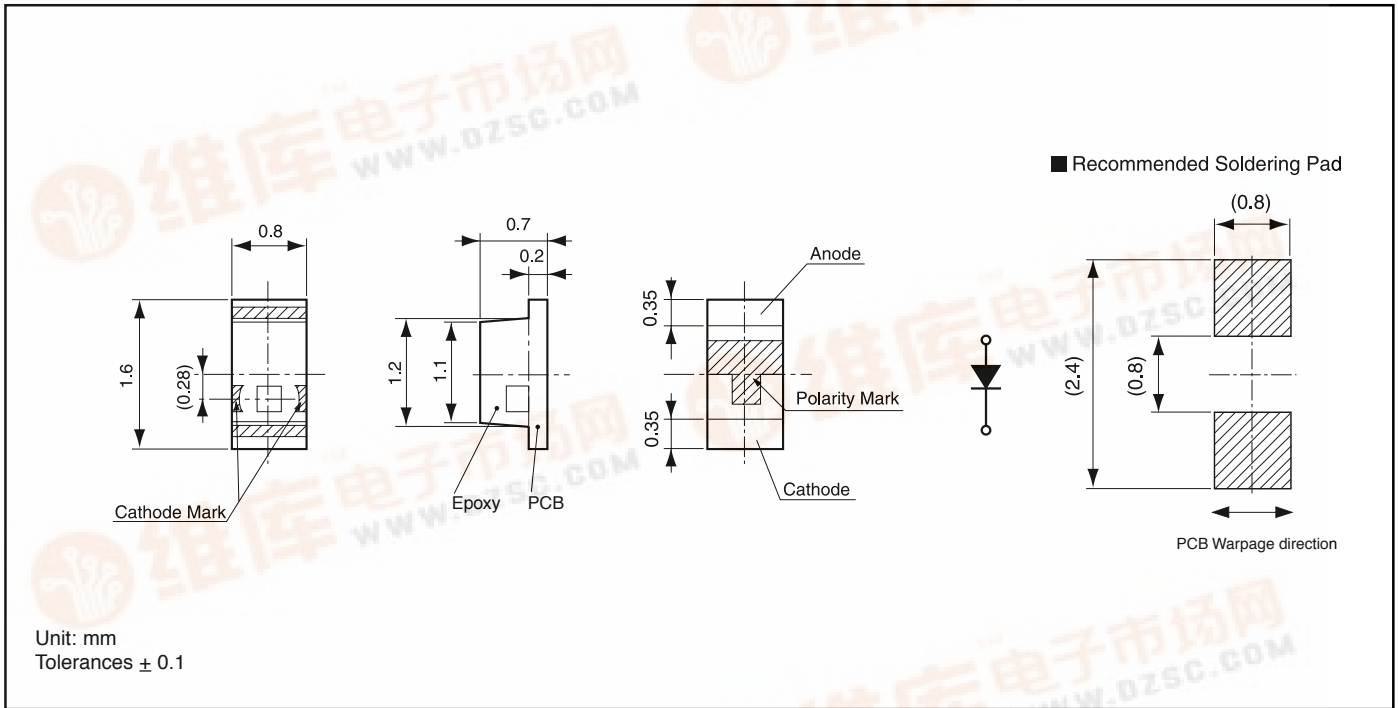
Features

- Meets industry standards for 1608 (0603) footprint
- Provides bright, wide and uniform spatial distribution
- Excellent for cellular telephone key pads, LCD backlighting and pager display applications

Applications

- Mobile devices (cellular telephones, PDAs, pagers)
- Industrial / Medical instrumentation

Outline Dimensions



Electro-Optical Characteristics

(Ta=25°C)

Part No.	Material	Emitted Color	Lens Color	Luminous Intensity I _v			Wavelength				Forward Voltage V _F			Reverse Current I _R		Viewing Angle (2θ 1/2)
				MIN.	TYP.	I _F	Peak λ _p TYP.	Dominant λ _d TYP.	Spectral Line Half Width Δλ TYP.	I _F	TYP.	MAX.	I _F	MAX.	V _R	
FR1111C	AlInGaP	Red	Milky White	25	50	20	635	626	15	20	1.9	2.4	20	100	5	140°
FA1111C	AlInGaP	Orange		25	65	20	609	605	15	20	1.9	2.4	20	100	5	
FY1111C	AlInGaP	Yellow		25	65	20	592	590	15	20	1.9	2.4	20	100	5	
Units				mcd	mA		nm			mA	V		mA	μA	V	Deg.

