



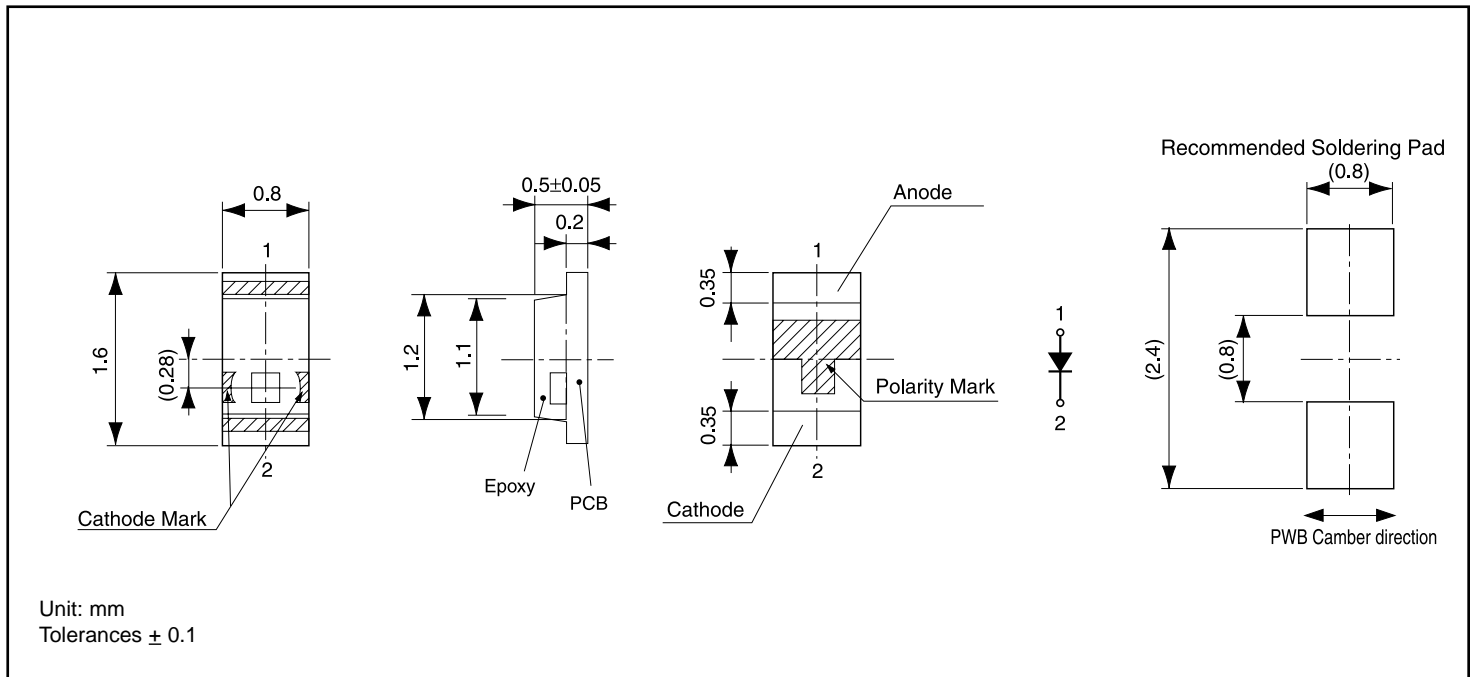
### Features

- New packaging technique uses thinner height profile with 1608 (0603) footprint
- Half pitch taping option

### Applications

- Cellular phones, pagers
- Mobile Devices
- Excellent for backlighting

### 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 ( $2\theta$ 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.	$V_R$	
FR1112C	AlInGaP	Red	Milky White	25	45	20	635	626	15	20	1.9	2.4	20	100	5	130°
FA1112C	AlInGaP	Orange		25	50	20	609	605	15	20	1.9	2.4	20	100	5	
FY1112C	AlInGaP	Yellow		25	50	20	590	590	15	20	1.9	2.4	20	100	5	
DR1112C	GaAsP	Red		2.4	4.1	20	650	633	40	20	1.9	2.8	20	100	4	150°
PG1112C	GaP	Green		4.5	7.6	20	560	567	30	20	2.2	2.8	20	100	4	
PY1112C	GaP	Yellow-Green		7.0	11.7	20	570	572	30	20	2.1	2.8	20	100	4	
PY1112CK	GaP	Yellow-Green		3.3	5.6	10	570	572	30	10	2.1	2.8	10	100	4	
Units				mcd	mA	nm			mA	V	mA	$\mu$ A	V	Deg.		

