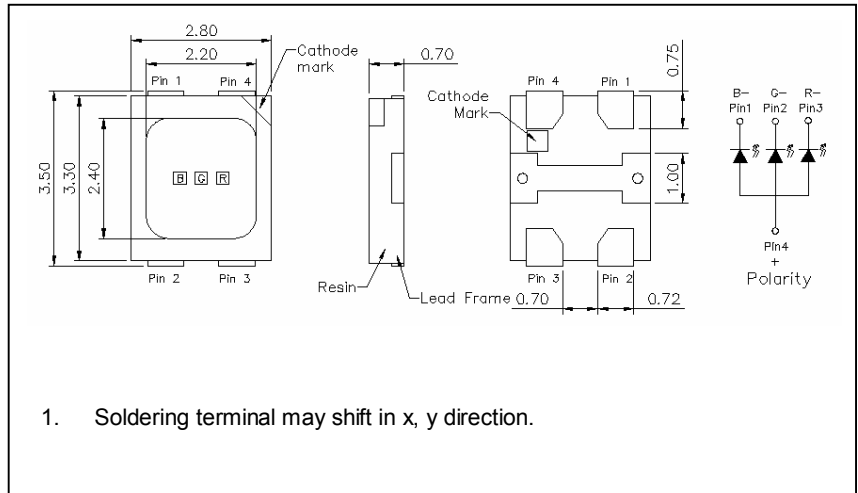


## Package Outline Dimensions

Unit: mm Tolerance: +/-0.1

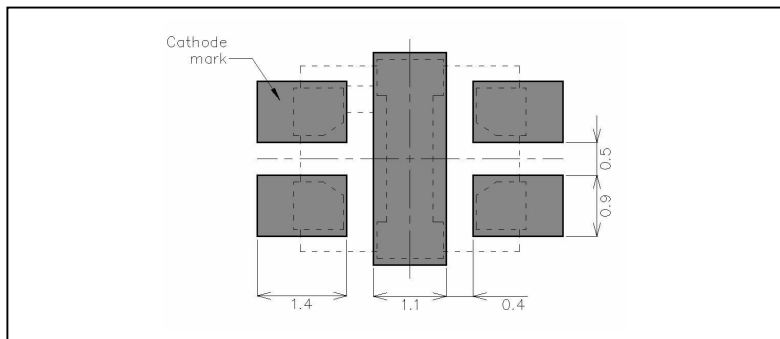
### Characters

- Chip LED ( 3.5 x 2.8 x 0.7 )
- Full color
- Top looker



## Recommended Soldering Pattern

Unit: mm



## Electrical-Optical Characteristics

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

Code for parts	Lighting Color	Material	Forward Voltage (V)		Wavelength (nm) typ.			Luminous Intensity (mcd)*		$I_f$ (mA)
			typ.	max	$\lambda_D$	$\lambda_P$	$\Delta \lambda$	Min	typ	
T3D8FCH	Ultra Bright Red	AllnGaP	1.9	2.4	622	636	17	350	400	20
	Green	InGaN	3.3	3.9	527	520	40	500	600	20
	Blue	InGaN	3.3	3.9	470	468	40	120	140	20