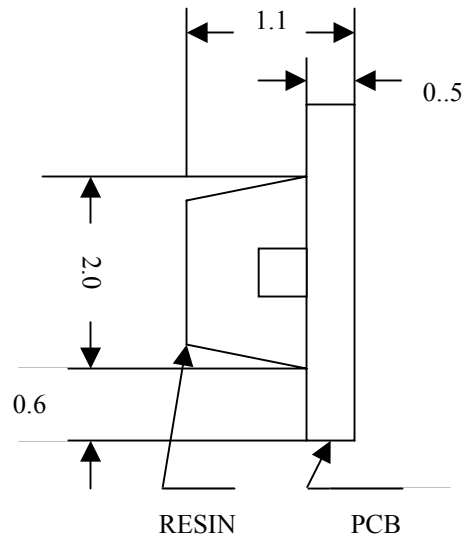
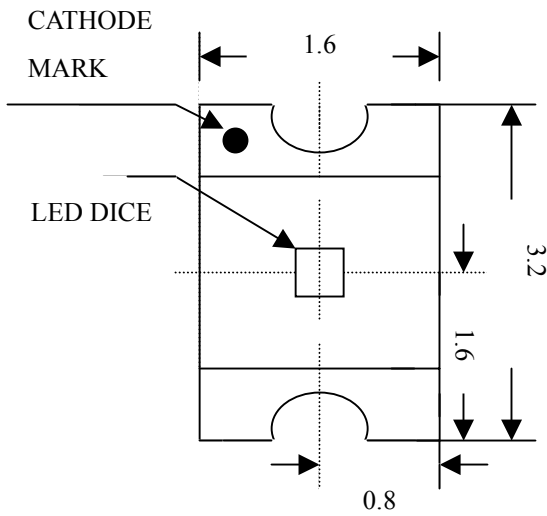


# YT-150XX SERIES

## 1206 SURFACE MOUNT LEDs



1. Unit:mm Tolerance: +/-0.1
2. Soldering terminal may shift in X, Y direction.
3. Polarity referring onto the cathode mark/line is reversed for UR/HR.
4. Reverse Voltage: 5 Volt
5. reverse current( $V_r=5V$ ):  $10\mu A$
6. Operation Temperature Range:  $-40^{\circ}C$  to  $+85^{\circ}C$
7. Storage Temperature Range:  $-40^{\circ}C$  to  $+100^{\circ}C$
8. Lead Soldering Temperature:  $160^{\circ}C$  for 5 Sec.

### ELECTRO-OPTICAL CHARACTERISTICS:

( $I_F$  @20Ma  $T_a$  25 $^{\circ}C$ )

PART NO.	EMITTING COLOR	MATERIAL	V <sub>f</sub> (V)		$\lambda$ (nm)			I <sub>v</sub> (mcd)	VIEWING ANGLE 2 $\Theta$ 1/2 (DEG)
			typ	max	$\lambda_D$	$\lambda_p$	$\Delta\lambda$	typ	
YT-150SB-470	U/B BLUE	InGaN	3.6	4.2	470	468	45	50	140 $^{\circ}$
YT-150UG-505	U/B GREEN	InGaN	3.5	4.2	505	502	30	40	
YT-150UG-4	U/B GREEN	AlGaInP	2.2	2.6	570	574	16	45	
YT-150UG-525	U/B GREEN	InGaN	3.5	4.2	525	522	30	40	
YT-150UY-4	U/B YELLOW	AlGaInP	2.0	2.6	591	593	15	70	
YT-150UR-4	U/B RED	AlGaInP	2.0	2.6	637	655	22	55	
YT-150UR	U/B RED	AlGaAs	1.95	2.3	660	643	20	45	
YT-150YG	YELLOW/GREEN	GaP	2.25	2.7	568	570	30	14.5	
YT-150Y	YELLOW	GaAsP	2.15	2.15	583	585	35	6	