

# Surface Mounting Chip LED

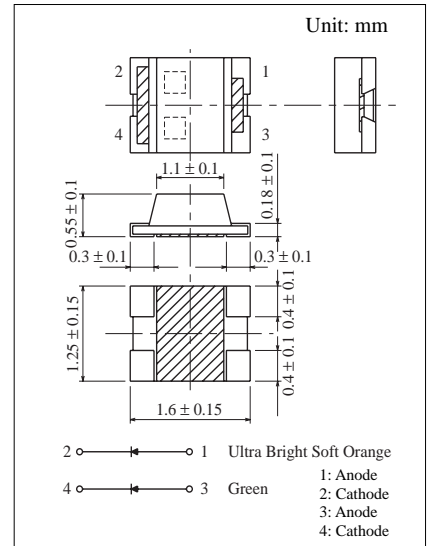
## TSS Bi-Color Type

Conventional Part No.      Global Part No.      Lighting Color  
 LNJ115W89RA ..... LNJ115W89RA ..... Green /  
 Ultra Bright Soft Orange

### Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Green	60	20	60	4	-30 ~ +85	-40 ~ +100
Ultra Bright Soft Orange	55	20	60	3	-30 ~ +85	-40 ~ +100

I<sub>FP</sub>の条件は duty 10% Pulse width 1 msec. The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec



### Electro-Optical Characteristics (T<sub>a</sub> = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I <sub>O</sub>			I <sub>F</sub>	V <sub>F</sub>		λ <sub>p</sub>	Δλ	I <sub>F</sub>	I <sub>R</sub>	
			Typ	Min			Typ	Max				Max	V <sub>R</sub>
LNJ115W89RA	Green	White Diffused	5.0	1.8	10	2.03	2.6	565	30	10	10	4	
	Ultra Bright Soft Orange		21	7	10	1.95	2.5	615	20	10	100	4	
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V	

