

# Surface Mounting Chip LED

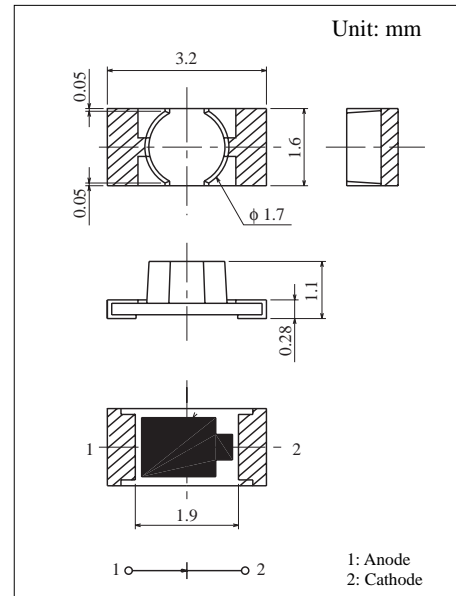
## 3216 Type

Conventional Part No.      Global Part No.      Lighting Color  
 LNJ211R8ARA ..... LNJ211R8ARA ..... Red  
 LNJ311G8TRA ..... LNJ311G8TRA ..... Green  
 LNJ411K8YRA ..... LNJ411K8YRA ..... Amber

### Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Red	60	20	100	3	-30 ~ +85	-40 ~ +100
Green	60	20	100	4	-30 ~ +85	-40 ~ +100
Amber	60	20	100	4	-30 ~ +85	-40 ~ +100

$I_{FP}$ の条件は duty 10% Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec



### Electro-Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

Conventional Part No.	Lighting Color	Lens Color	$I_O$		$I_F$	$V_F$		$\lambda_p$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min		Typ	Max				Max	$V_R$
LNJ211R8ARA	Red	Red Diffused	7.0	2.3	10	1.72	2.5	660	20	10	100	3
LNJ311G8TRA	Green	Green Diffused	5.5	1.8	10	2.03	2.6	565	30	10	10	4
LNJ411K8YRA	Amber	Yellow Diffused	2.2	0.75	10	2.0	2.6	590	30	10	10	4
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V

