

# Ultra High Bright Surface Mounting Chip

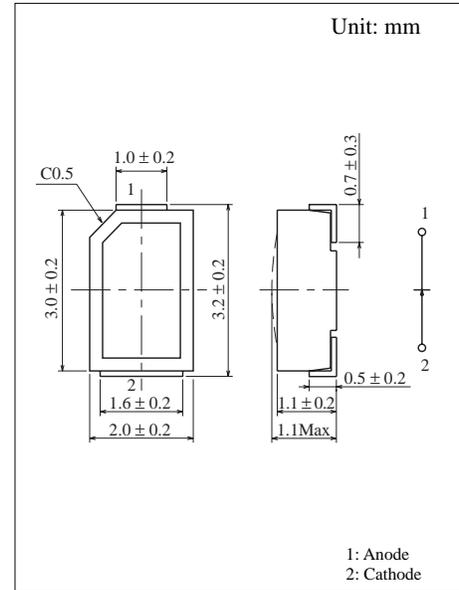
## J-GaAlAs Type

Conventional Part No.      Global Part No.      Lighting Color  
 LN1251CAL – (TR) ·· LNJ251C4ARA ····· Ultra Bright Red

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

Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Ultra Bright Red	45	15	60	3	-25 ~ +80	-30 ~ +85

$I_{FP}$ 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	Typ	Typ		Max	$V_R$
LN1251CAL – (TR)	Ultra Bright Red	Clear	9.0	3.3	10	1.75	2.6	660	20	15	100	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V

