

# Surface Mounting Chip LED

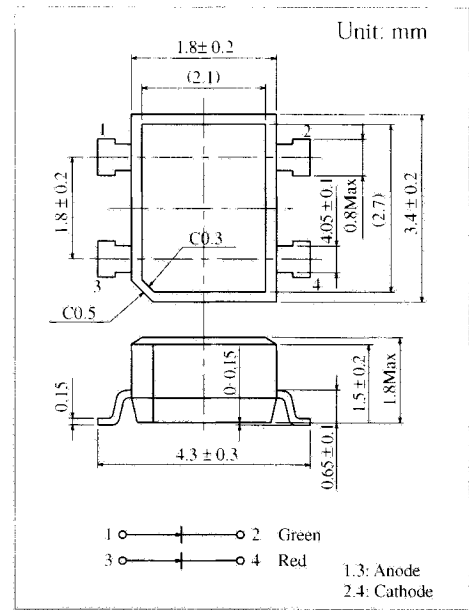
## GW Bi-Color Type

Global Part No.                      Conventional Part No.                      Lighting Color  
 LN2162C13TR ..... LN2162C13 - (TR) .. Red / Green

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

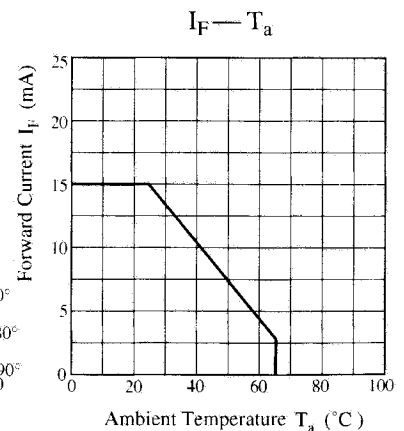
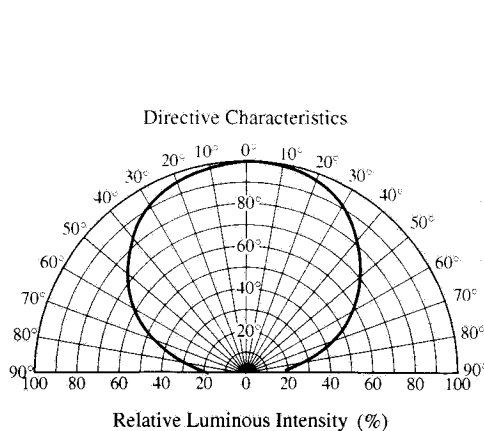
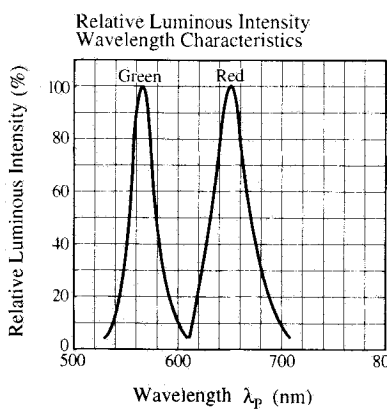
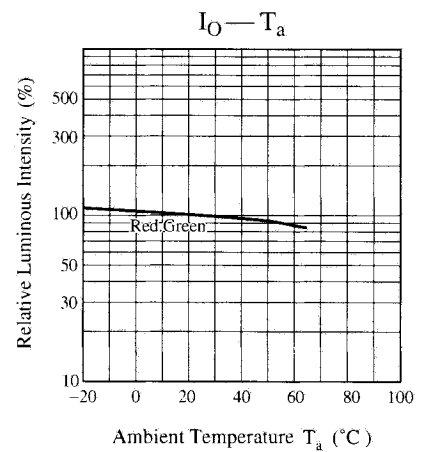
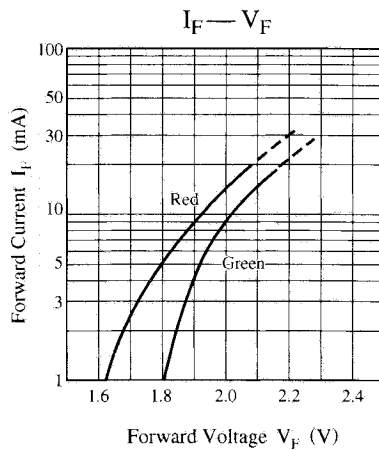
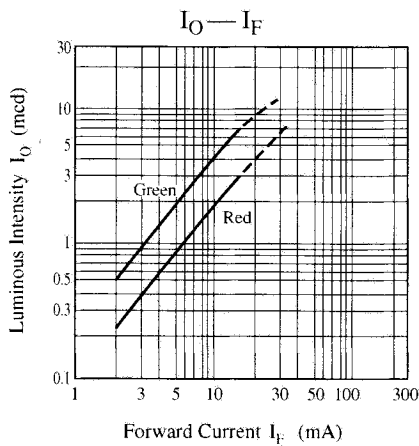
Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Red	45	15	60	3	-25 ~ +80	-30 ~ +85
Green	45	15	60	4	-25 ~ +80	-30 ~ +85

★ Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%. Pulse width 1 msec



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

Global Part No.	Lighting Color	Lens Color	$I_O$			$V_F$		$\lambda_p$	$\Delta\lambda$	$I_F$	$I_R$		$V_R$
			Typ	Min	$I_F$	Typ	Max	Typ	Typ		Max	$V_R$	
LN2162C13TR	Red	Clear	1.8	0.65	10	2.0	2.8	650	40	10	10	3	
	Green		4.0	1.5	10	2.05	2.8	565	30	10	10	4	
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V	



# Caution for Safety

 **DANGER**

## ■ This product contains Gallium Arsenide (GaAs).

GaAs powder and vapor are hazardous to human health if inhaled or ingested. Do not burn, destroy, cut, cleave off, or chemically dissolve the product. Follow related laws and ordinances for disposal. The product should be excluded from general industrial waste or household garbage.

### Request for your special attention and precautions in using the technical information and semiconductors described in this material

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