

# TLPG153, TLPG154

## GaP GREEN LIGHT EMISSION

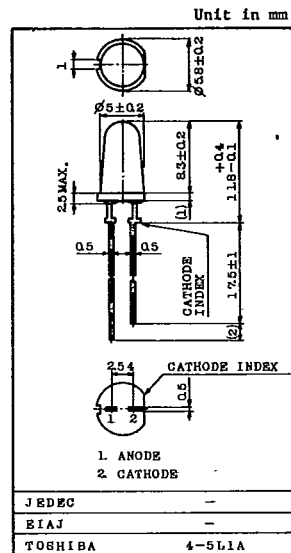
5mm DIAMETER(T 13/4)

FEATURES:

- PURE COLOR
- All Plastic Mold Type  
 TLPG153 : Light Green Transparent Lens  
 TLPG154 : Light Green Lusterless Lens
- Low Drive Current, High Intensity Green Light Emission.  
 Recommended Forward Current :  $I_F=15\sim 20\text{mA(DC)}$
- All Plastic Molded Lens, Provides an Excellent ON-OFF Contrast Ratio.
- Fast Response Time, Capable of Pulse Operation.

### MAXIMUM RATINGS ( $T_a=25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (DC)	$I_F$	25	mA
Reverse Voltage	$V_R$	4	V
Power Dissipation	$P_D$	70	mW
Operating Temperature Range	$T_{opr}$	$-20\sim 75$	$^\circ\text{C}$
Storage Temperature Range	$T_{stg}$	$-30\sim 100$	$^\circ\text{C}$



Weight : 0.28g

### ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=20\text{mA}$	-	2.1	2.8	V
Reverse Current	$I_R$	$V_R=4\text{V}$	-	-	5	$\mu\text{A}$
Luminous Intensity	$I_V$	$I_F=20\text{mA}$	10	20	-	mcd
			4	8	-	
Peak Emission Wave Length	$\lambda_p$	$I_F=20\text{mA}$	-	555	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	-	20	-	nm

