

TLRC130

GaAlAs RED LIGHT EMISSION

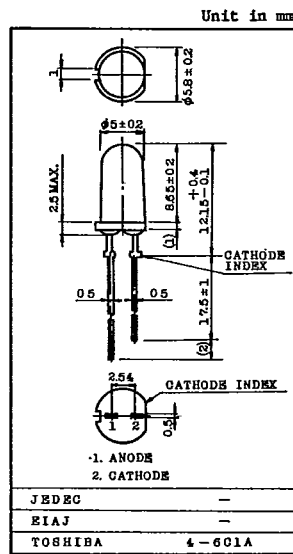
- ULTRA-BRIGHT
- All Plastic Mold Type
TLRC130: Clear Transparent Lens
- Low Drive Current, High Intensity Red Light Emission.
Recommended Forward Current: $I_F=15 \sim 20\text{mA}$ (DC)
- All Plastic Molded Lens, Provides an Excellent ON-OFF Contrast Ratio.
- Fast Response Time, Capable of Pulse Operation.

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	55	mW
Operating Temperature Range	T_{opr}	$-20 \sim 75$	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	$-30 \sim 100$	$^\circ\text{C}$

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

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=20\text{mA}$	-	1.75	2.2	V
Reverse Current	I_R	$V_R=4\text{V}$	-	-	100	μA
Luminous Intensity	I_V	$I_F=15\text{mA}$	100	250	-	mcd
Peak Emission Wave Length	λ_p	$I_F=15\text{mA}$	-	660	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=15\text{mA}$	-	25	-	nm



JEDEC	-
EIAJ	-
TOSHIBA	4-6C1A

Weight: 0.33g

