

TLO153Q, TLO154Q

GaAsP ORANGE LIGHT EMISSION

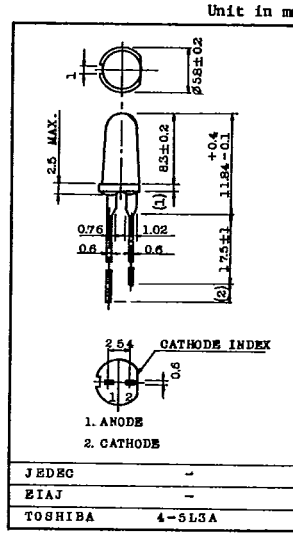
PANEL CIRCUIT INDICATOR

FEATURES:

- SUPER-BRIGHT
- All Plastic Mold Type
 - TLO153Q: Light Orange Transparent Lens
 - TLO154Q: Light Orange Lusterless Lens
- Low Drive Current, High Intensity Orange 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.
- Wire Wrappable Leads.

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}	$-30 \sim 100$	$^\circ\text{C}$



ELECTRICAL-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	$V_R=4\text{V}$	-	-	100	μA
Luminous Intensity	I_v	$I_F=20\text{mA}$	20	60	-	mcd
			8	30	-	
Peak Emission Wave Length	λ_P	$I_F=20\text{mA}$	-	610	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	-	35	-	nm

