

TLG251, TLY251, TLO251, TLS251

RECTANGULAR, 11×5mm

FEATURES:

- Plastic Mold Type
- TLG251: Green Light Emission
- TLY251: Yellow Light Emission
- TLO251: Orange Light Emission
- TLS251: Red Light Emission
- Large-Sized Rectangular Type (Surface Size 11×5mm)
- Fast Response Time, Capable of Pulse Operation.

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (Diode)	I_F /Diode	25	mA
Reverse Voltage	V_R	4	V
Power Dissipation (Diode)	P_D /Diode	70	mW
Operating Temperature Range	T_{opr}	-20 ~ 75	°C
Storage Temperature Range	T_{stg}	-30 ~ 100	°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=25\text{mA}$	-	2.1	2.8	V
Reverse Current	I_R	$V_R=4\text{V}$	-	-	10	μA
Luminous Intensity	I_v	$I_F=15\text{mA}$	3.4	9.0	-	mc
Peak Emission Wave Length	λ_p	$I_F=15\text{mA}$	-	565	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=15\text{mA}$	-	30	-	nm

OUTLINE AND PIN CONNECTION

Unit in mm

