

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)

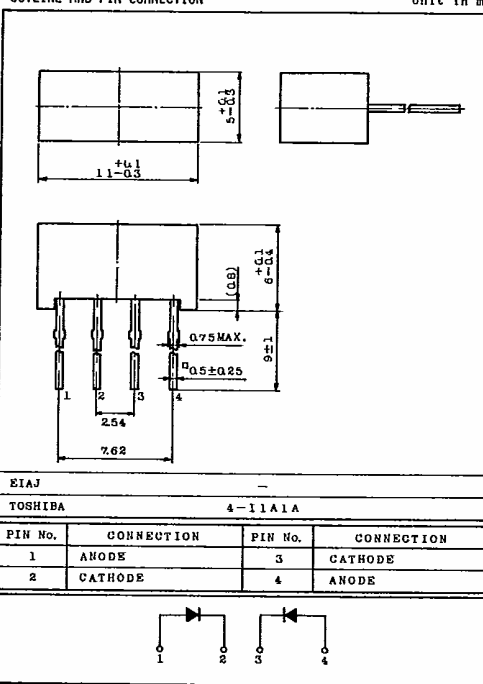
CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (Diode)	I_F /Diode	25	mA
Reverse Voltage	V_R	4	V
Power Dissipation (Diode)	P_D /Diode	70	mW
Operating Temperature Range	T_{opr}	-20 ~ 75	°C
Storage Temperature Range	T_{stg}	-30 ~ 100	°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

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

OUTLINE AND PIN CONNECTION

Unit in mm



Weight : 0.48g

