

TENTATIVE

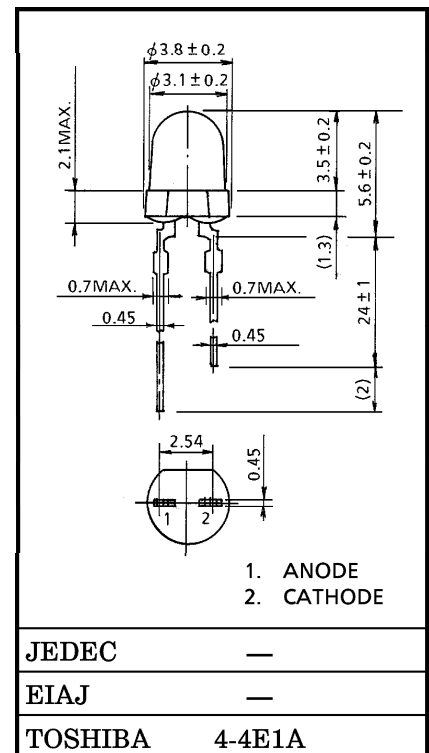
TOSHIBA LED LAMP InGaAlP RED LIGHT EMISSION

TLSU125, TLSU126

PANEL CIRCUIT INDICATOR

Unit in mm

- InGaAlP RED LED
- All Plastic Mold Type
- Colored Lusterless Lens
- Suitable for High-Brightness and Low Power Consumption.
- All Plastic Molded Lens, Provides an Excellent ON-OFF Contrast Ratio.
- Applications : Backlight, Light for Decoration, Switches,
Various Indicator, Personal Equipment
- TLSU125 : Colorless Clear Lens
- TLSU126 : Milky Lusterless Lens



Weight : 0.14 g

MAXIMUM RATINGS (Ta = 25°C)

PRODUCT	FORWARD CURRENT I _F (mA)	REVERSE VOLTAGE V _R (V)	POWER DISSIPATION P _D (mW)	OPERATING TEMPERATURE T _{opr} (°C)	STORAGE TEMPERATURE T _{stg} (°C)
TLSU125	30	4	72	−30~85	−40~120
TLSU126	30	4	72	−30~85	−40~120

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ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta = 25°C)

PRODUCT	TYP. EMISSION WAVELENGTH			LUMINOUS INTENSITY I _V			FORWARD VOLTAGE V _F			REVERSE CURRENT I _R	
	λ _p	Δλ	I _F	MIN	TYP.	I _F	TYP.	MAX	I _F	MAX	V _R
TLSU125	636	17	20	153	300	20	2.0	2.4	20	50	4
TLSU126	636	17	20	85	180	20	2.0	2.4	20	50	4
Unit	nm		mA	mcd		mA	V		mA	μA	V

PRECAUTION

Please be careful of the followings

- Soldering temperature : 260°C max Soldering time : 3 s max
(Soldering portion of lead : up to 2 mm from the body of the device)
- If the lead is formed, the lead should be formed up to 5 mm from the body of the device without forming stress to the resin. Soldering should be performed after lead forming.
- This visible LED lamp also emits some IR light. If a photodetector is located near the LED lamp, please ensure that it will not be affected by this IR light.

