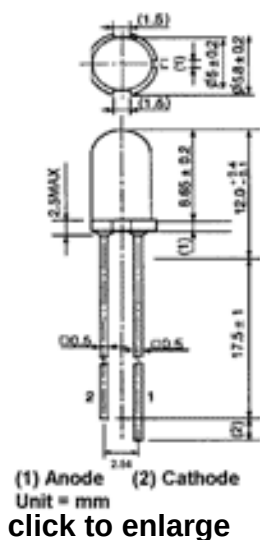


Yellow LED SPECIFICATIONS



Toshiba TLYH180P T-1 3/4 InGaAlP

High intensity Yellow Light (590nm) Emission

InGaAlP Technology

T-1 3/4 5 mm package

Water clear lens

Narrow Radiation Pattern

Maximum Ratings (Ta = 25° C)

Characteristic	Symbol	Rating	Unit
Forward Current	I_F	50	mA
Reverse Voltage	V_R	4	V
Power Dissipation	P_D	125	mW
Operating Temperature	T_{opr}	-30 ~ 85	° C
Storage Temperature	T_{stg}	-40 ~ 120	° C

Opto-Electrical Characteristics (Ta = 25° C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	IF = 20mA	--	2.1	2.5	V
Reverse Current	I_R	VR = 4V	--	--	50	mA
Luminous Intensity	I_v	IF = 20 mA	2720	8000	--	mcd

Viewing Angle	20 1/2	--	--	8	--	°
Peak Wavelength	λ_p	IF = 20 mA	--	590	--	nm
Dominant Wavelength	λ_d	IF = 20 mA	--	587	--	nm
Spectral Line Half Width	$\Delta\lambda$	IF = 20 mA	--	13	--	nm

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