

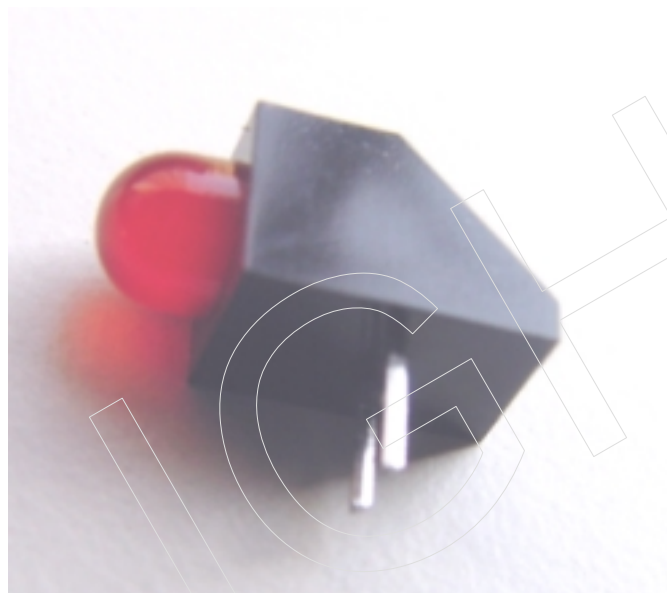
LED ASSEMBLY

5mm Circuit Board Indicator,T-1 3/4

A2753B/UYC/S530-A4-I1

Features

- Low power consumption
- High efficiency and low cost
- Good control and free combinations on the colors of LED lamps
- Stackable and easy to assembly
- Stackable vertically and easy to assembly
- Versatile mounting on PCB or panel
- Stackable horizontally and easy to assembly



Descriptions

- Used as indicators of indicating the degrees, functions, positions etc, in electronic instruments.

Applications

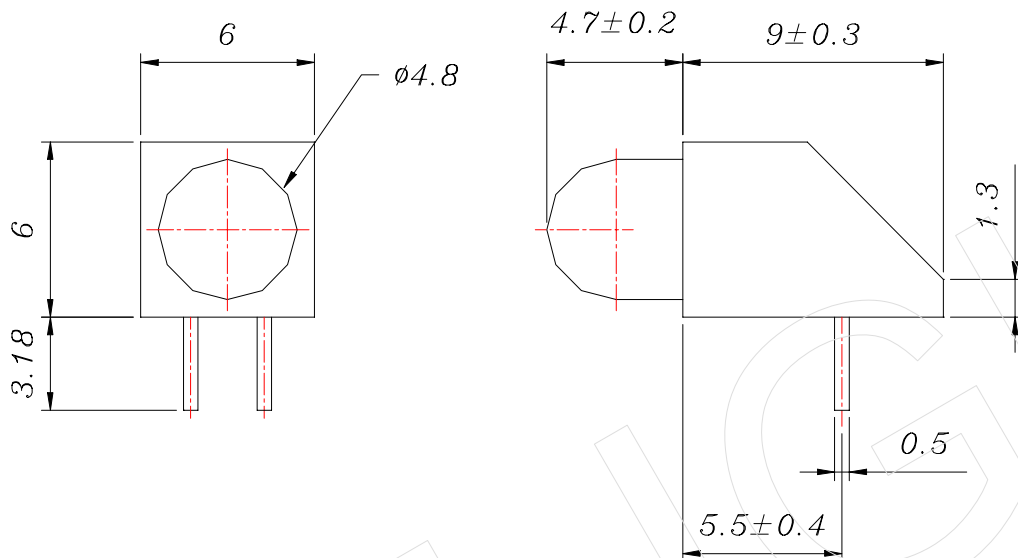
- ARRAY=Plastic Holder Combination of Lamps
- The array will easily mount the applicable lamps on any panel

Device Selection Guide

LED PART NO.	Chip		Lens Color
	Material	Emitted Color	Water Clear
7363-2UYC/S530-A4	AlGaInP	Super Yollow	

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Package Dimensions



Notes:

- All dimensions are in millimeters, tolerance is 0.25mm except being specified.
- Lead spacing is measured where the lead emerges from the package.

Absolute Maximum Ratings (Ta=5°C)

Parameter	Symbol	Rating	Units
Forward Current	I_F	25	mA
Pulse Forward Current ^{*1}	I_{FP}	160	mA
Operating Temperature	T_{opr}	-40 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Soldering Temperature ^{*2}	T_{sol}	260 ± 5	°C
Power Dissipation	P_d	60	mW
Reverse Voltage	V_R	5	V

Notes: *1: I_{FP} Conditions--Pulse Width ≤ 10msec and Duty ≤ 1/10.

*2:Soldering time ≤ 5 seconds.

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Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Units
Forward Voltage	V_F	$I_F=20mA$	--	2.0	2.4	V
Reverse Current	I_R	$V_R=5V$	--	--	10	μA
Luminous Intensity	I_V	$I_F=20mA$	630	1000	--	mcd
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	--	20	--	deg
Peak Wavelength	λ_p	$I_F=20mA$	--	591	--	nm
Dominant Wavelength	λ_d	$I_F=20mA$	--	589	--	nm
Spectrum Radiation Bandwidth	$\Delta \lambda$	$I_F=20mA$	--	15	--	nm

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Typical Electro-Optical Characteristics Curves

