

15*15 LED LIGHT DISPLAY

LIL-15155

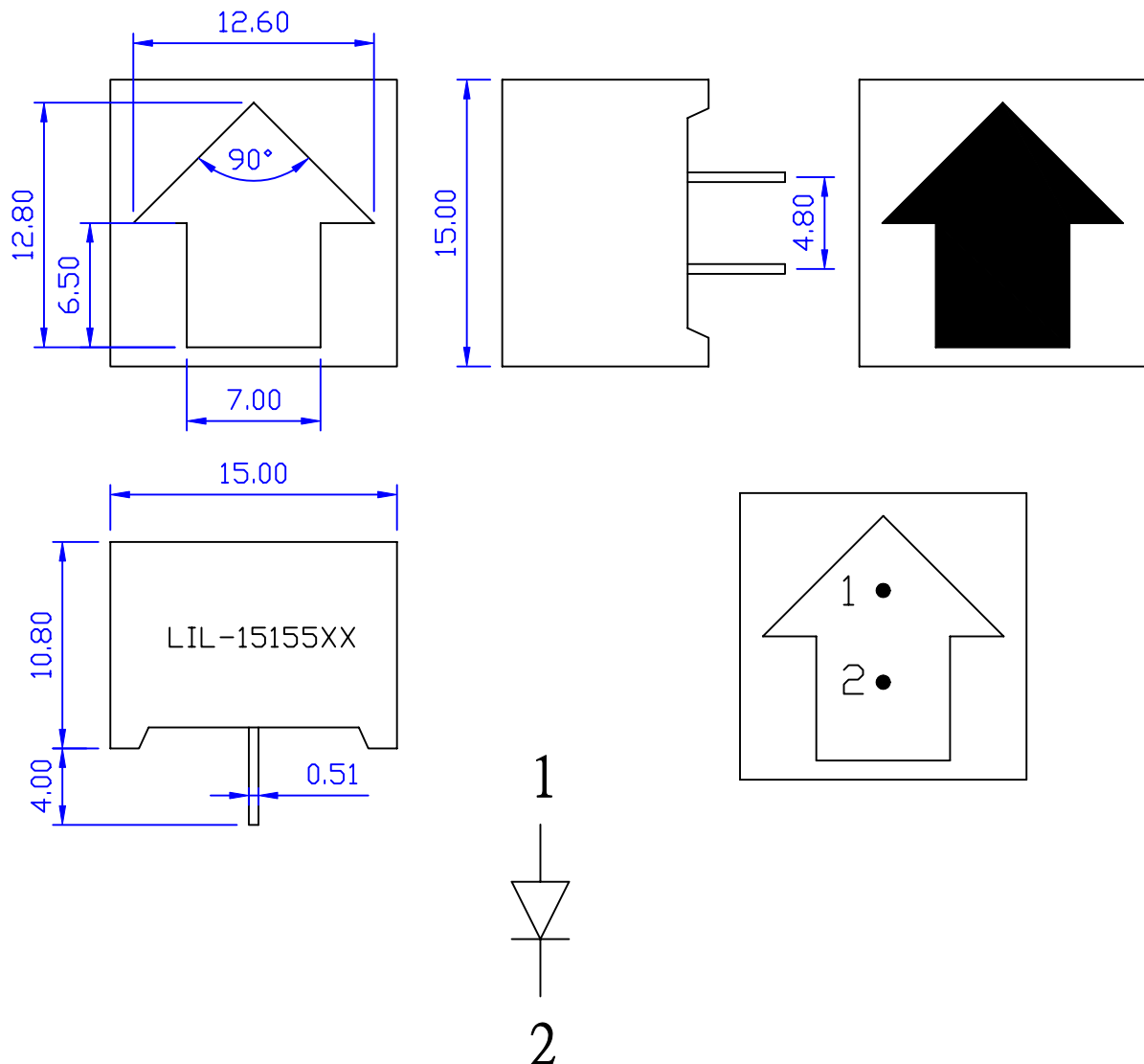
Features

LARGE, BRIGHT, UNIFORM LIGHT EMITTING AREA
CHOICE OF THREE COLOR
EASY MOUNTING ON P.C.BOARDS OR SOCKETS.
I.C. COMPATIBLE.
MECHANICALLY RUGGED.
FLUSH MOUNTABLE
CATEGORIZED FOR LIGHT OUTPUT
SUITABLE FOR MULTIPLEX OPEARTION

Description

The rectangular light source designed, configured In a single-in-line and dual-in-line packages that contain either single or segmented light emitting.

Package Dimensions & Internal Circuit Diagram



Notes:

- 1.All dimensions are in millimeters (inches), Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
- 2.Specifications are subject to change without notice.

Electrical/Optical Characteristics at $T_A=25\text{ }^{\circ}\text{C}$

Symbol	Parameter	Red		Yellow		Green		Units	Test Conditon
		Typ.	Max	Typ.	Max	Typ.	Max		
λ_{peak}	Peak wavelength	627		590		565		nm	$I_F=20\text{mA}$
λ_D	Dominate wavelength	625		588		568		nm	$I_F=20\text{mA}$
$\lambda_{1/2}$	Spectral line half-width	45		35		30		nm	$I_F=20\text{mA}$
C	Capacitance	15		20		15		pF	$V_1=0\text{V}; F=1\text{MHz}$
V_F	Forward Voltage	2.0	2.5	2.1	2.5	2.2	2.5	V	$I_F=20\text{mA}$
I_R	Reverse Current		10		10		10	μA	$V_R=5\text{V}$

Absolute Maximum Rating($T_a=25\text{ }^{\circ}\text{C}$)

Parameter	Red	Yellow	Green	Units
Power Dissipation	105	105	105	mA
DC forward Current	30	30	35	mA
Peak Forward Current	160	140	140	mV
Reverse Current	5	5	5	V
Operation/Storage Temperature	-40°C to $+85^{\circ}\text{C}$			
Lead solder temperature	260°C for 5 Sec.			

Notes:

- 1/10 duty cycle, 0.1ms pulse width.
- 2mm below package base.