12*12 LED LIGHT DISPLAY LIL-1212

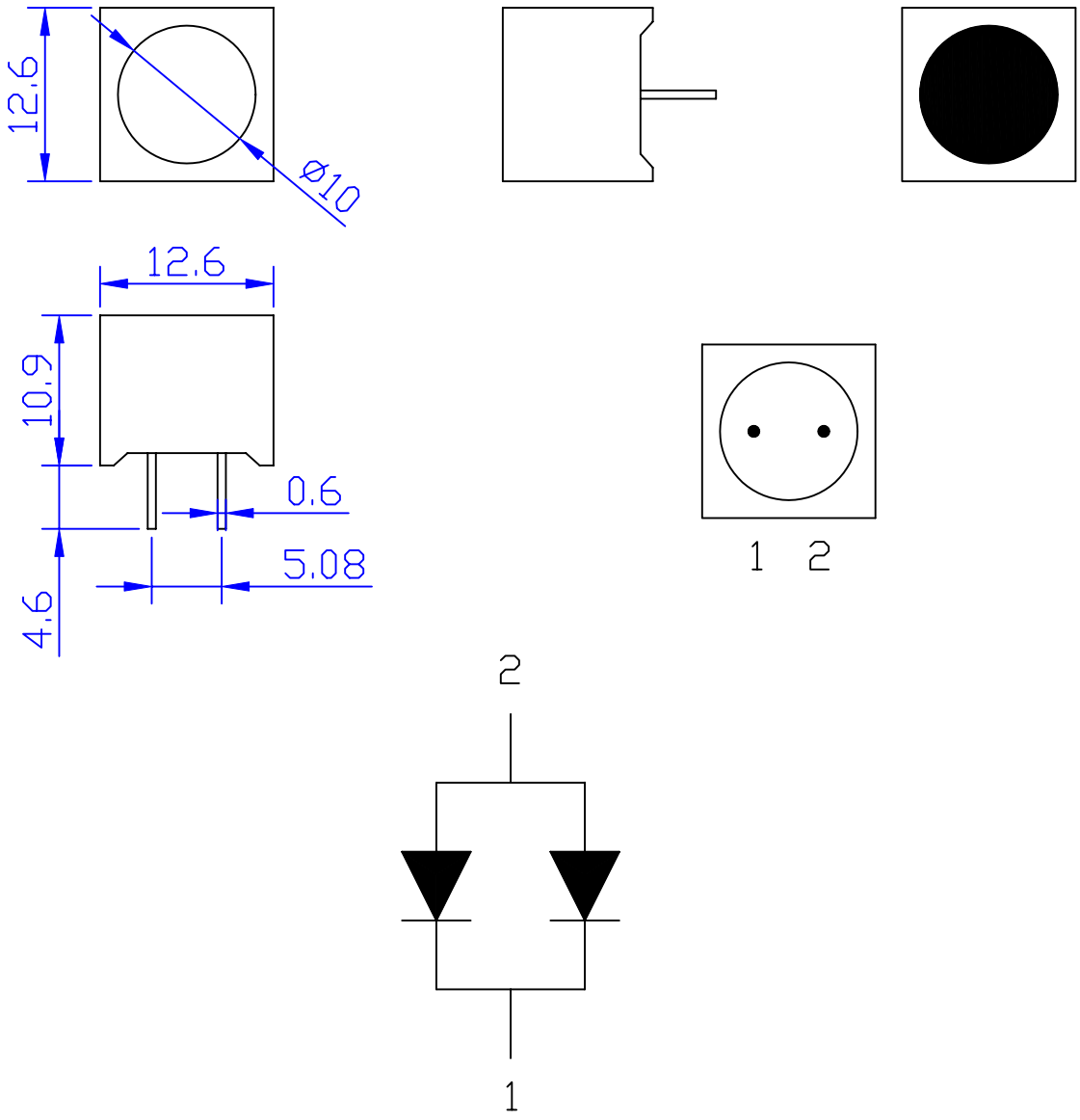
Features

- ◆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 +/-0.25(0.01”) unless otherwise noted.
2.Specifications are subject to change without notice.

Electrical/Optical Characteristics at T_A=25 ℃

Symbol	Parameter	Red		Yellow		Green		Units	Test Conditon
		Typ.	Max	Typ.	Max	Typ.	Max		
λpeak	Peak wavelength	627		590		565		nm	I_F=20mA
λD	Dominate wavelength	625		588		568		nm	I_F=20mA
△λ1/2	Spectral line half-width	45		35		30		nm	I_F=20mA
C	Capacitance	15		20		15		pF	V_1=0V;F=1MHz
V_F	Forward Voltage	2.0	2.5	2.1	2.5	2.2	2.5	V	I_F=20mA
I_R	Reverse Current		10		10		10	uA	V_R=5V

Absolute Maximum Rating(Ta=25 ℃)

Parameter	Red	Yellow	Green	Units
Power Disspation	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°C			
Lead solder temperature	260°C for 5 Sec.			

Notes:

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