



BVH-C61YHYGY

DESCRIPTION

Dice Material : GaAsP/GaP Yellow

Light Color : Yellow Color

Lens Color : Yellow Diffused

Holder Color : Black Color

GaP/GaP Red

Red Color

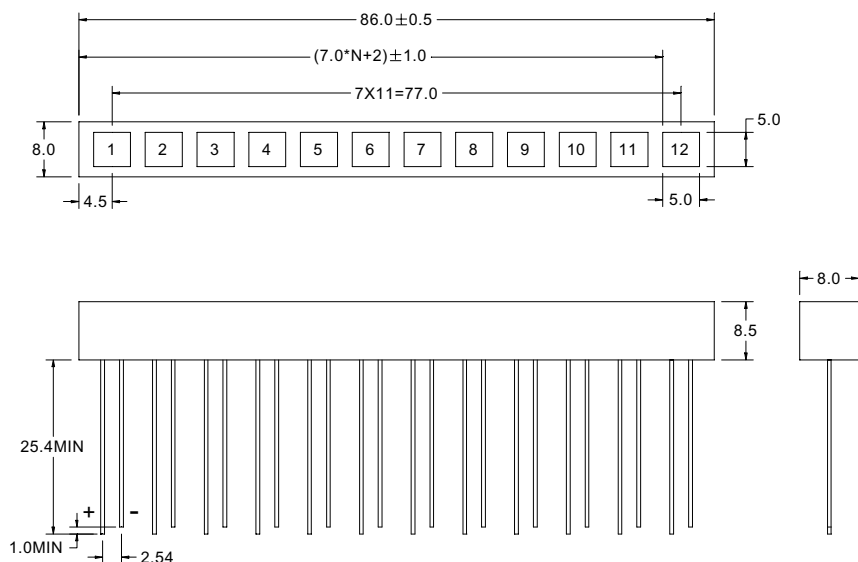
Red Diffused

GaP/GaP Green

Green Color

Green Diffused

PACKAGE CONFIGURATION



LAMP	1	2	3	4	5	6	7	8	9	10	11	12	13	14
COLOR	Y	R	R	R	R	Y	Y	Y	G	G	G	Y		

ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	Yellow	Red	Green	UNIT
Power Dissipation	80	40	80	mW
Continuous Forward Current	30	15	30	mA
Peak Forward Current (1/10 Duty Cycle , 0.1ms Pulse Width)	90	60	90	mA
Reverse Voltage	5	5	5	V
Derating Linear From 25 °C	0.4	0.15	0.4	mA/ °C
Operating Temperature Range	−30 °C to + 85 °C			
Storage Temperature Range	−40 °C to + 100 °C			
Lead Solder Temperature 1.6 mm Below Package 260 °C for 5 seconds				

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25 °C

SYMBOL	PARAMETER	TEST COND.	Yellow			Red			Green			UNIT
			MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	
V F	Forward Voltage	I F = 20mA	2.1	2.8		2.2	2.8		2.2	2.8		V
I R	Reverse Current	V R = 5 V			100			100			100	μ A
λ p	Peak Emission Wavelength	I F = 20mA	589			595			568			nm
λ d	Dominant Wavelength	I F = 20mA	590			640			573			nm
2 θ 1/2	Viewing Angle	I F = 20mA										Deg
I V	Luminous intensity	I F = 10mA	1.5	4		0.5	0.7		9	13		mcd

*Bright View reserves the rights to alter specifications and remove availability of products at any time without notice.

*Dominant Wavelength, λ d is according to CIE Chromaticity Diagram base on color of lamps.

* θ 1/2 is the off-axis angle where the luminous intensity is one half the on-axis intensity.