



BVN-1561H1/6561H1

DESCRIPTION

Dice Material : GaP/GaP Red

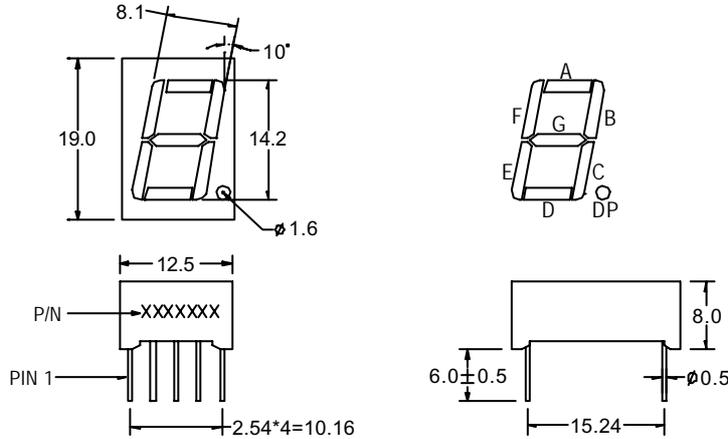
Light Color : Red Color

Lens Color : Milky Diffused

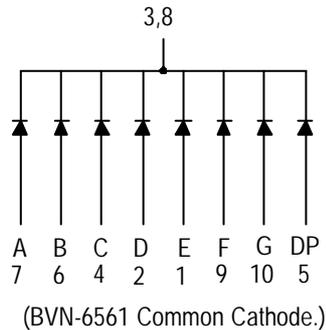
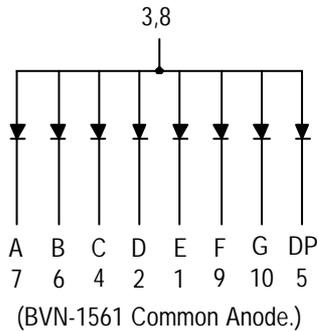
Surface Color : Black

PACKAGE CONFIGURATION

Tolerance : ± 0.25 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX.	UNIT
Power Dissipation	40	mW
Continuous Forward Current	15	mA
Peak Forward Current (1/10 Duty Cycle , 0.1ms Pulse Width)	60	mA
Reverse Voltage	5	V
Derating Linear From 25 °C	0.15	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.	MIN.	TYP.	MAX.	UNIT
V F	Forward Voltage	I F = 20 mA		2.2	2.8	V
I R	Reverse Current	V R = 5 V			100	μ A
λ p	Peak Emission Wavelength	I F = 20 mA		695		n m
λ d	Dominant Wavelength	I F = 20 mA		640		n m
I V	Luminous Intensity	I F = 10 mA	2.2	3.8		mcd

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