

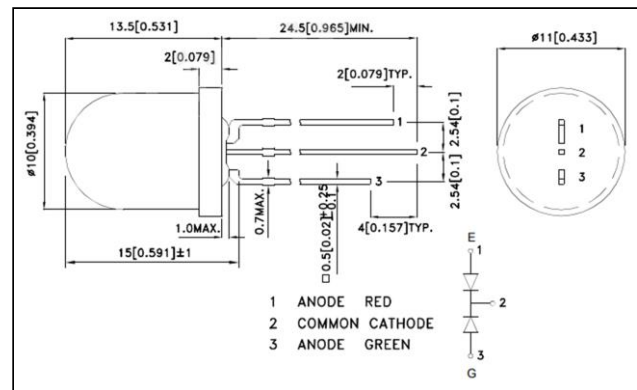
## LEDs

10mm Bicolor – common cathode

HL-8654

### Package Configuration

Descriptions:
Emitting Color: Red / Green
Device Outline: 10mm
Lens Type: White Diffused



### Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	R=160 / G=140	mA
Power Dissipation	R=75 / G=62.5	mW
Continuous Forward Current	R=20 / G=20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 °C to +85°C	
Lead Soldering Temperature[4mm(.157") From Body]	250°C for 5 Seconds	

### Electrical and optical characteristics

Parameter	Symbol	Typ.	Unit.	Test Condition
Luminous Intensity	$I_v$	R=80 / G=50	mcd	$I_F=20mA$
Viewing Angle	$2\theta_{1/2}$	50°	deg.	
Dominant Wavelength	$\Delta d$	R=627 / G=565	nm	
Forward Voltage	$V_F$	R=2.0 / G=2.2	V	