

LEDs

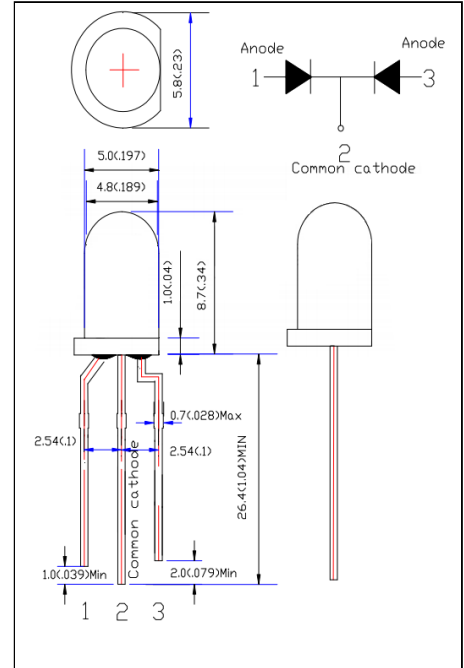
5mm Bicolor

HL-8209

Package Configuration

Descriptions:	
Material:	GaP
Emitting Color:	Yellow / Green
Device Outline:	Φ5mm round type
Lens Type:	White Diffused

Pin	Function
1	Anode Yellow
2	Common Cathode
3	Anode Green



Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 °C to +85°C	
Storage Temperature Range	-40 °C to +100°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	Yellow=200 / Green=200	mcd	$I_F=(mA)$ Yellow=30/Green=30
Viewing Angle	$2\theta_{1/2}$	60	Deg.	
Dominant Wavelength	Δd	Yellow=590 / Green=565	nm	