

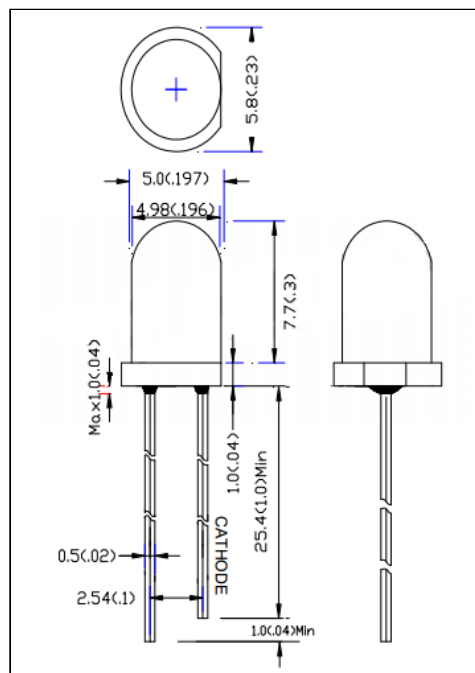
LEDs

5mm Round

HL-7947

Package Configuration

Descriptions:
Material: AlGaInP
Emitting Color: Infrared
Device Outline: $\Phi 5\text{mm}$ round type
Lens Type: Blue Diffused



Absolute Maximum Ratings ($T_a=25^\circ\text{C}$)

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 $+85^\circ\text{C}$	
Storage Temperature Range	-40°C to $+100^\circ\text{C}$	
Lead Soldering Temperature [4mm (.157") From Body]	260°C for 5 Seconds	

Electrical and optical characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit.	Test Condition
Luminous Intensity	I_v	-	12	-	mW/cm ²	$I_F=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	-	20	-	Deg.	
Dominant Wavelength	Δd	-	880	-	nm	