

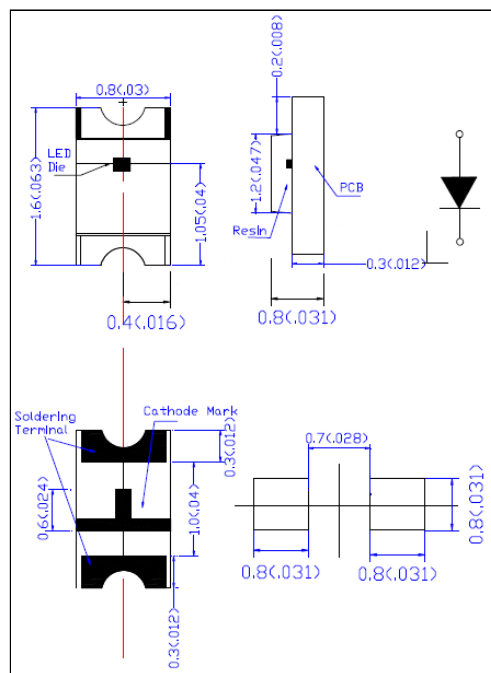
LEDs

0603 SMD Type

HL-8261

Package Configuration

Descriptions:	
Material:	AlGaAs
Emitting Color:	Infrared
Device Outline:	1.6x0.8x0.8mm
Lens Type:	Water Clear



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	Min.	Typ.	Max.	Unit.	Test Condition
Luminous Intensity	I_v	-	0.2	-	mW/cm ²	I _F =20mA
Viewing Angle	$2\theta_{1/2}$	-	150	-	Deg.	
Dominant Wavelength	Δd	-	940	-	nm	