

LEDs

1206 Reverse Mount - Infrared

HL-9551

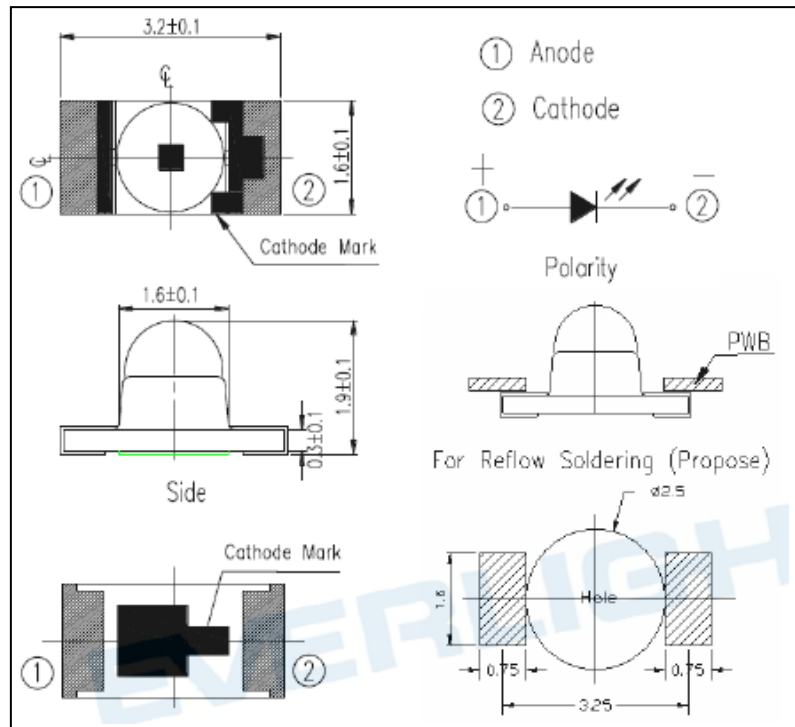
Descriptions:

Emitting Color: Infrared

Device Outline: 3.2x1.6x1.9mm

Lens Type: Water Clear

Package Configuration



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	20	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	-	5	-	mW/cm ²	$I_F=20mA$
Viewing Angle	$2\theta_{1/2}$	-	30	-	deg.	
Dominant Wavelength	Δd	-	940	-	nm	