

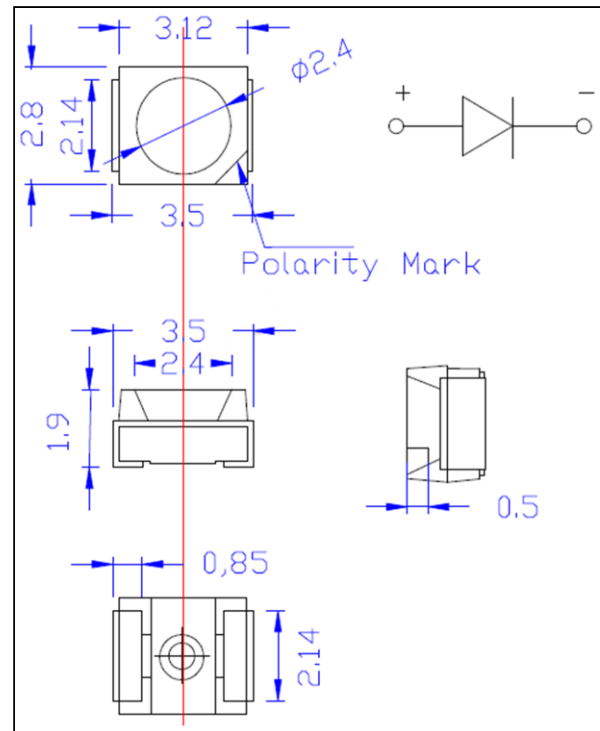
## LEDs

3528 SMD Type - IR

HL-8995

### Package Configuration

Descriptions:
Emitting Color: Infrared
Device Outline: 3.5x2.8x1.9mm
Lens Type: Water Clear



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

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	200	mA
Continuous Forward Current	100	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	$I_v$	-	17	-	mW/cm <sup>2</sup>	$I_f=100$ mA
Viewing Angle	$2\theta_{1/2}$	-	60	-	deg.	
Dominant Wavelength	$\Delta d$	-	850	-	nm	