

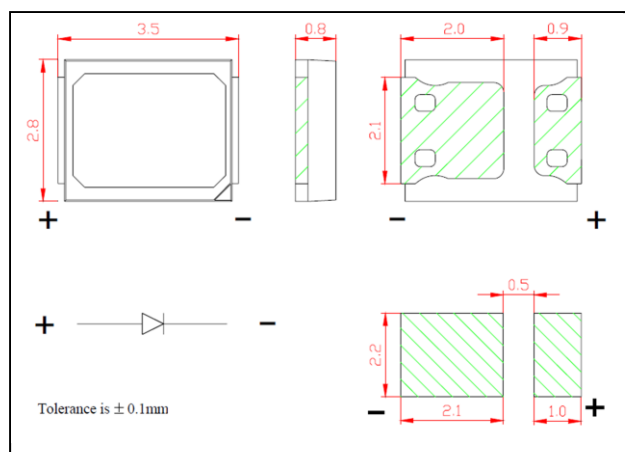
LEDs

2835 SMD – Ultraviolet (UV)

HL-8936

Package Configuration

Descriptions:
Emitting Color: Ultraviolet (UV)
Device Outline: 2.8x3.5x0.8mm
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
Power Dissipation	75	mW
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 °C to +85°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 Flux	I_v	-	0.01	-	lumens	$I_F=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	-	120	-	Deg.	
Wavelength	Δd	390	-	400	nm	
Forward Voltage	V_F	3.0	-	3.4	V	