

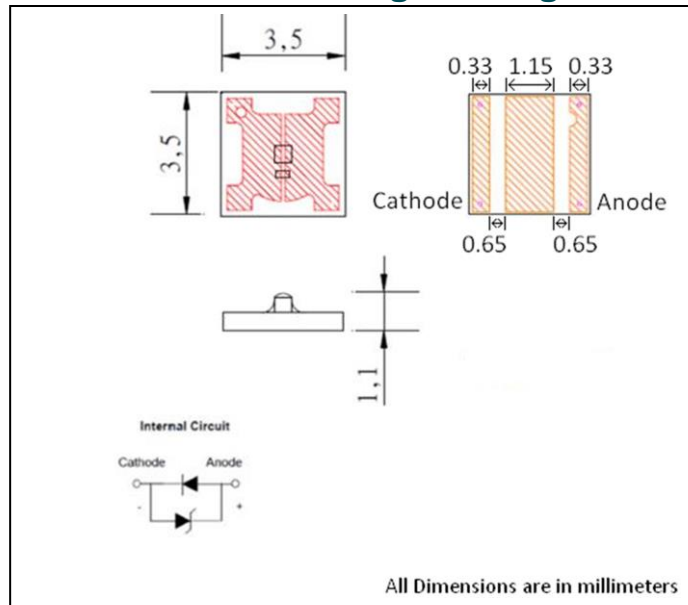
LEDs

3535 SMD – Ultraviolet (UVC)

HL-9102

Package Configuration

Descriptions:
Emitting Color: Ultraviolet (UVC)
Device Outline: 3.5x3.5x1.6mm
Lens Type: Water Clear



Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	1000	mA
Continuous Forward Current	150	mA
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
Output Radiated Power	P_{opt}	10	12	-	mW	$I_F=150mA$
Viewing Angle	$2\theta_{1/2}$	-	120	-	deg.	
Dominate Wavelength	λ_d	-	280	-	nm	
Forward Voltage	V_F	5.0	-	7.5	V	