

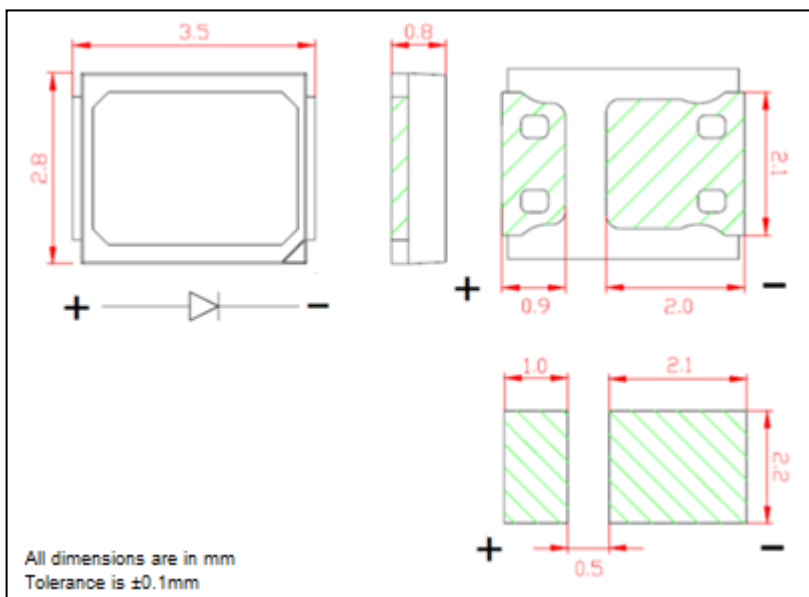
LEDs

2835 SMD Type – White

HL-8643

Package Configuration

Descriptions:
Emitting Color: White
Device Outline: 2.8x3.5x0.8mm
Lens Type: Yellow Diffused



Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	500	mA
Continuous Forward Current	150	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	-	55	-	lumens	$I_F=150\text{ mA}$
Viewing Angle	$2\theta_{1/2}$	-	120	-	deg.	
Color Temperature	-	-	6000	-	K	
Forward Voltage	V_F	-	3.4	-	V	