

LEDs

0603 SMD – Red

HL-9183

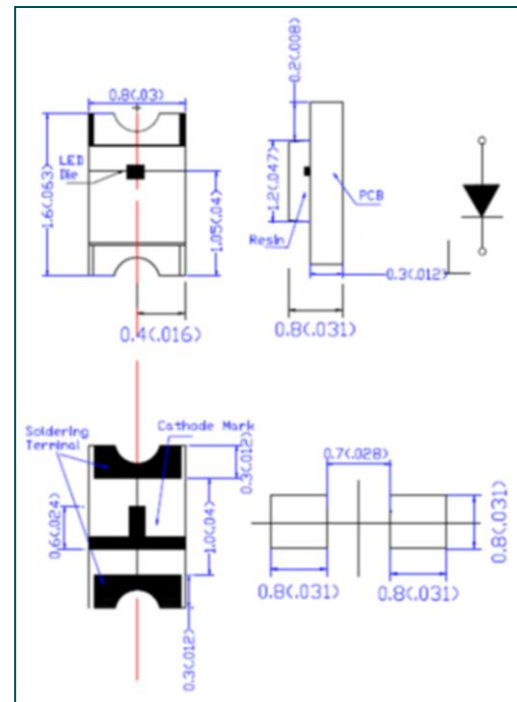
Descriptions:

Emitting Color: Red

Device Outline: 1.6x0.8x0.8mm

Lens Type: Water Clear

Package Configuration



Absolute Maximum Ratings ($T_a=25^\circ\text{C}$)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	150	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Storage/Operating Temperature Range	-40 °C to +85°C	
Power Dissipation	170mW	
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	500	-	600	mcd	$I_f=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	-	120	-	deg.	
Dominant Wavelength	λ_d	-	625	-	nm	