

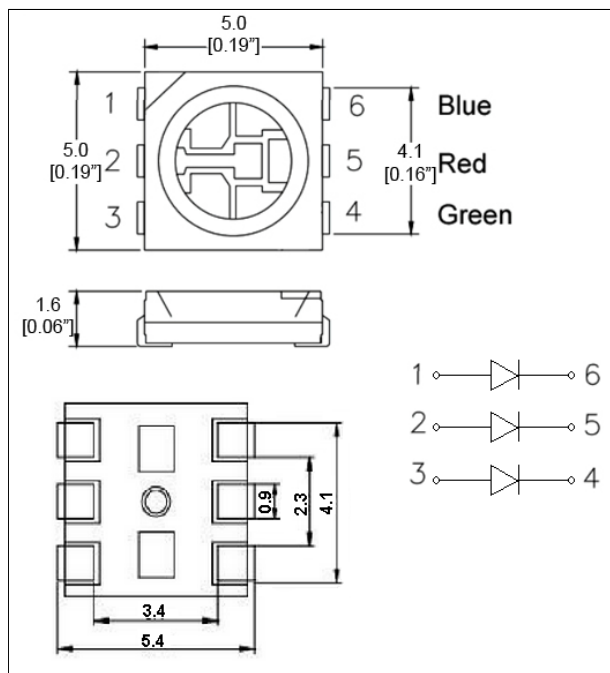
LEDs

5050 RGB SMD Type

HL-7935

Package Configuration

Descriptions:
Material: AlGaInP
Emitting Color: Red/Green/Blue
Device Outline: 5.0x5.0x1.6mm
Lens Type: Water Clear



Absolute Maximum Ratings (Ta=25°C)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	110	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	Typ.	Unit.	Test Condition
Luminous Intensity	I_v	R=350 / G=600 / B=250	mcd	$I_F=(mA)$ R=50 / G=30 / B=30
Viewing Angle	$2\theta_{1/2}$	120	Deg.	
Dominant Wavelength	Δd	R=625 / G=520 / B=465	nm	