

LEDs

5mm Round – Red / Blue Common Cathode HL-8275

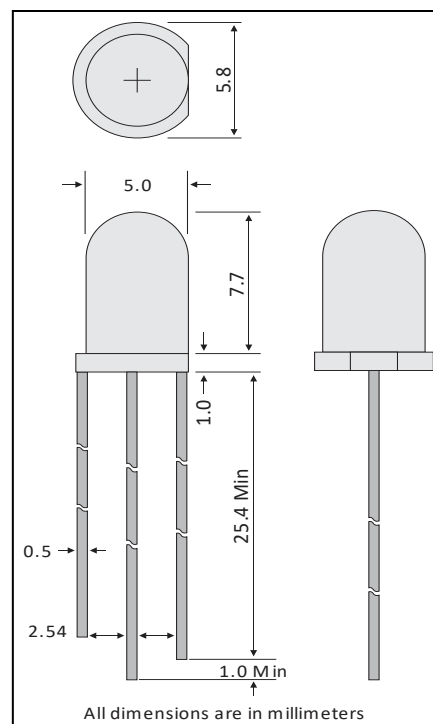
Descriptions:

Emitting Color: Red / Blue

Device Outline: Φ 5mm round type

Lens Type: White Diffused

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)	100	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Storage/Operating Temperature Range	-40°C to $+85^\circ\text{C}$	
Power Dissipation	170mW	
Lead Soldering Temperature[4mm(.157") From Body]	250°C for 5 Seconds	

Electrical and optical characteristics

Parameter	Symbol	Typical	Unit.	Test Condition
Luminous Intensity	I_v	Red = 200 / Blue = 200	mcd	$I_F=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	30°	deg.	
Dominant Wavelength	Δd	Red = 625 / Blue = 465	nm	