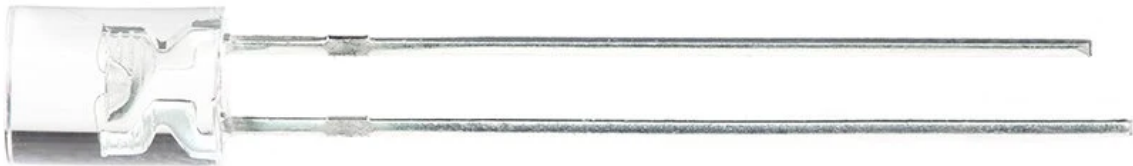


5mm Blue LED - 470 nm - T1 3/4 LED w/ 120 Degree Viewing Angle - Blue LED

Part Number: RL5-B12120



7 photos

Specifications

Continuous Forward Current	30 mA	Forward Voltage	3.3V
Color Options	Blue	Lens	Clear
Lumen	4 Lumen	Maximum Forward Voltage	3.8V
Millicandela	1200mcd	Ambient Operating Temperature Range	-20~+80 °C (-4~+176 °F)
Power Consumption	0.099 Watts	Reverse Current	10µA
Reverse Voltage	5V	Storage Temperature Range	-30~+100 °C
LED Diameter	T1-3/4	Viewing Angle	120 degree



Part Number: RL5-B12120					
Blue LED (InGaAlN)					
absolute maximum ratings: (TA=25°C)					
PARAMETER			SYMBOL	Rating	UNIT
Power Dissipation			P _D	120	mW
Continuous Forward Current			I _F	30	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)			I _{FM}	100	mA
Reverse Voltage			V _R	5	V
Operating Temperature			T _A	-20~+80	°C
Storage Temperature			T _{stg}	-30~+100	°C
Reverse Current (VR=5V)			I _R	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)					
Optoelectric Characteristics					
PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø ^{1/2}	--	120	Degree	--
Forward Voltage	V _F	3.8	3.3	V	I _F =20mA
Peak Emission Wavelength	λ _P	--	470	nm	I _F =20mA
Luminous Intensity	I _v	--	1200	mcd	I _F =20mA
Absolute Irradiance	--	40	mW	I _F =20mA	--
*ONE OF THESE CAN ILLUMINATE A BLACK LIGHT POSTER IN A DARK ROOM					

Overview

Super Bright 5mm Blue LED with through hole. Features a 470nm wavelength Blue LED, 1,200 millicandela with 120 degree viewing angle with flat tip. Component LEDs are sensitive electronic devices and require some knowledge of electronic circuits to operate them. Price listed is per unit, however, bulk discounts are available and are automatically applied to your order.